

FIGURE 1

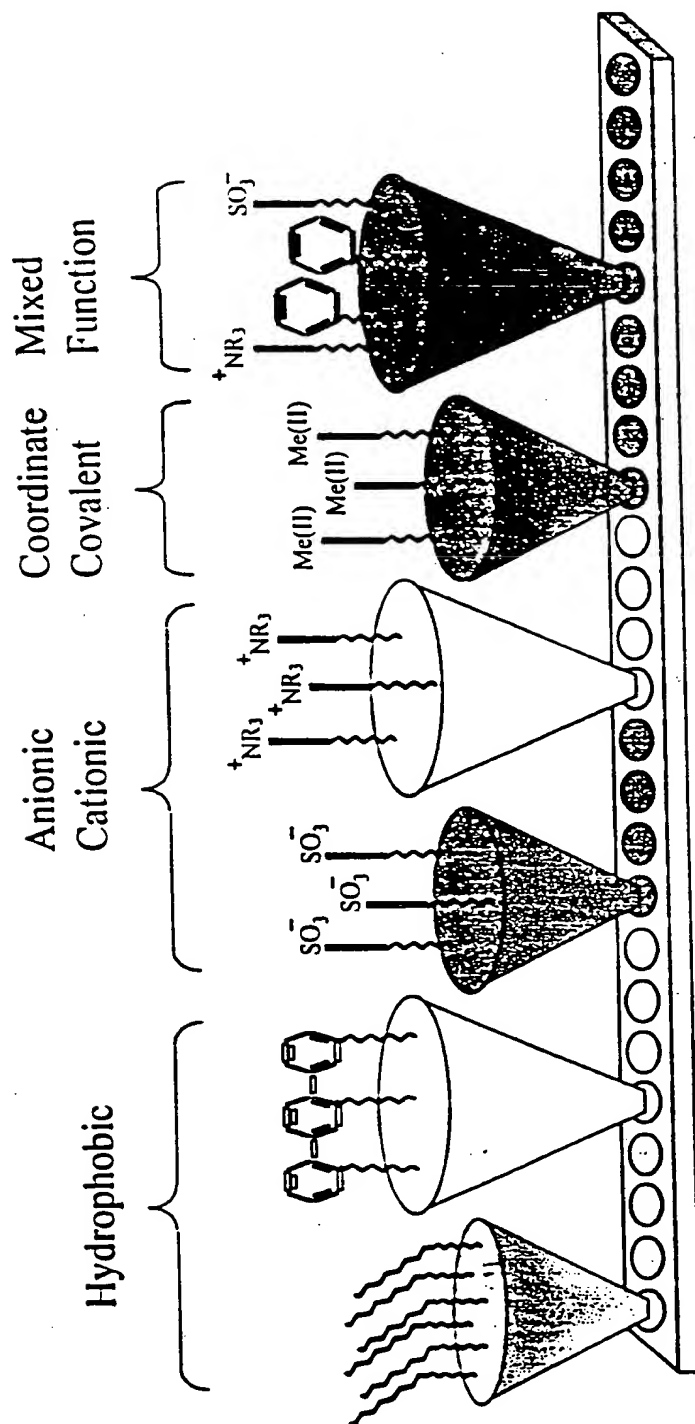


Figure 2

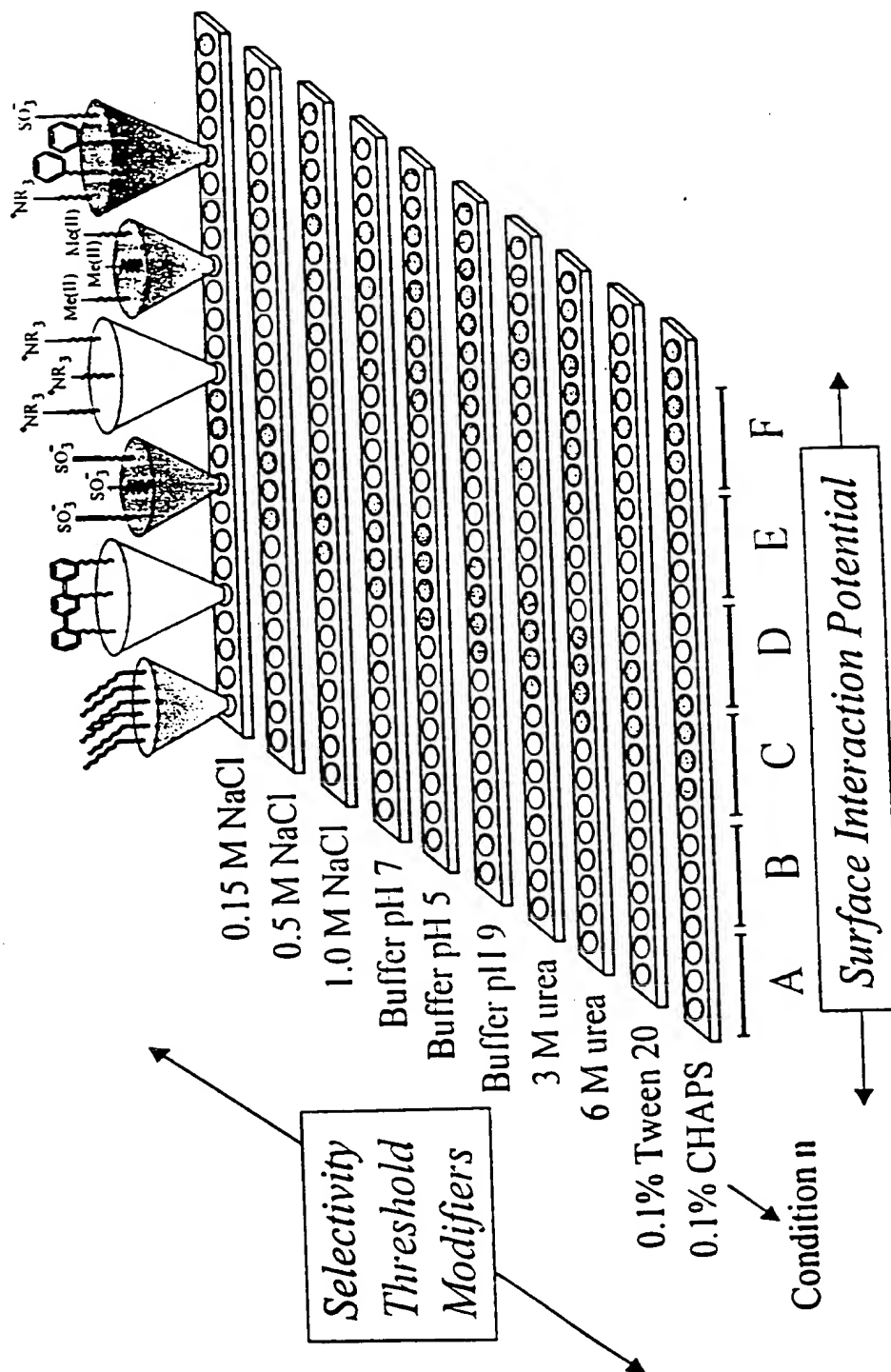
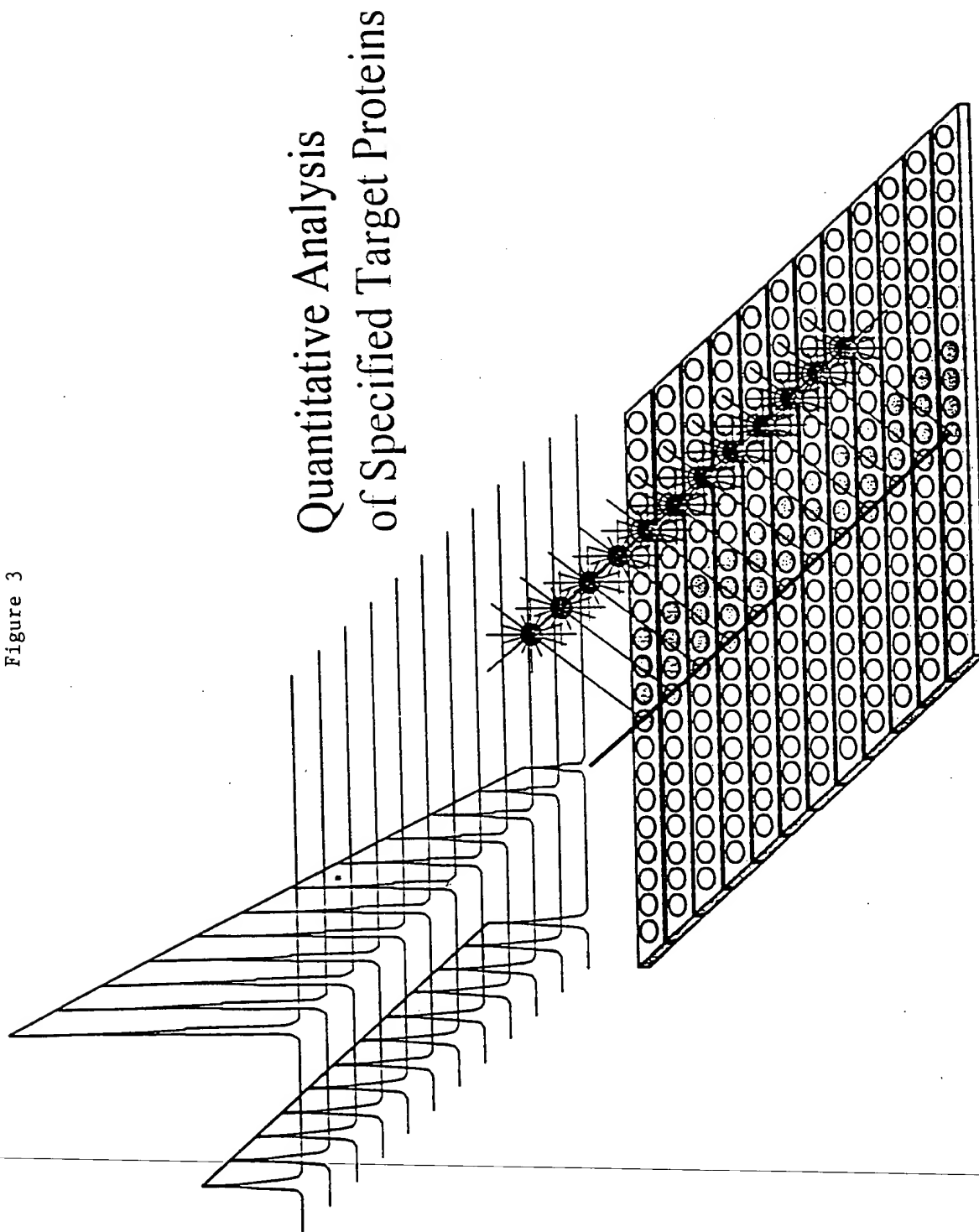


Figure 3



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Figure 4A

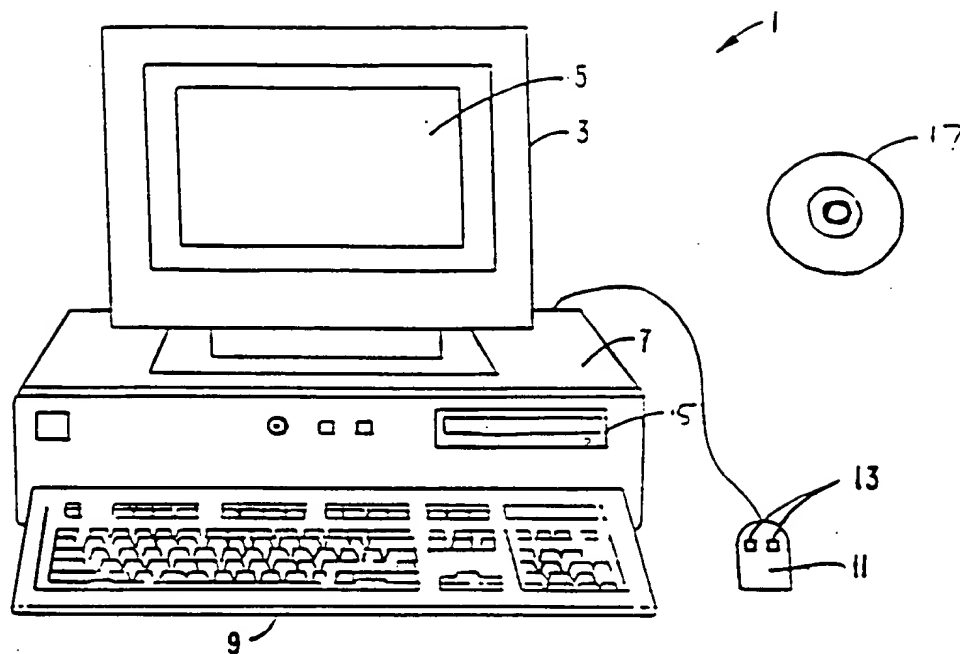


Figure 4B

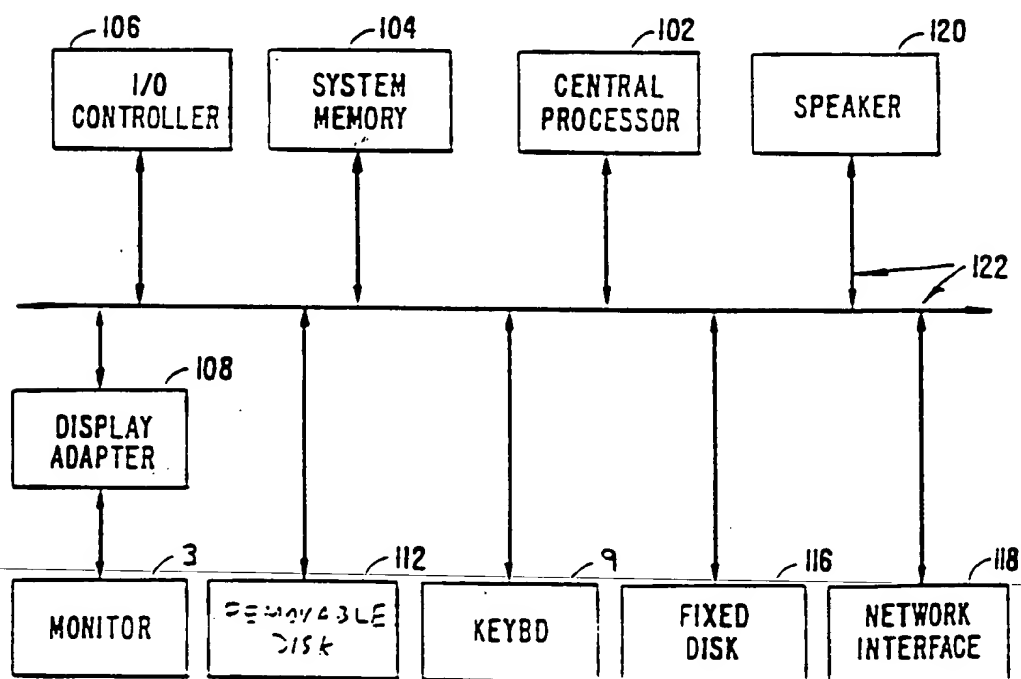
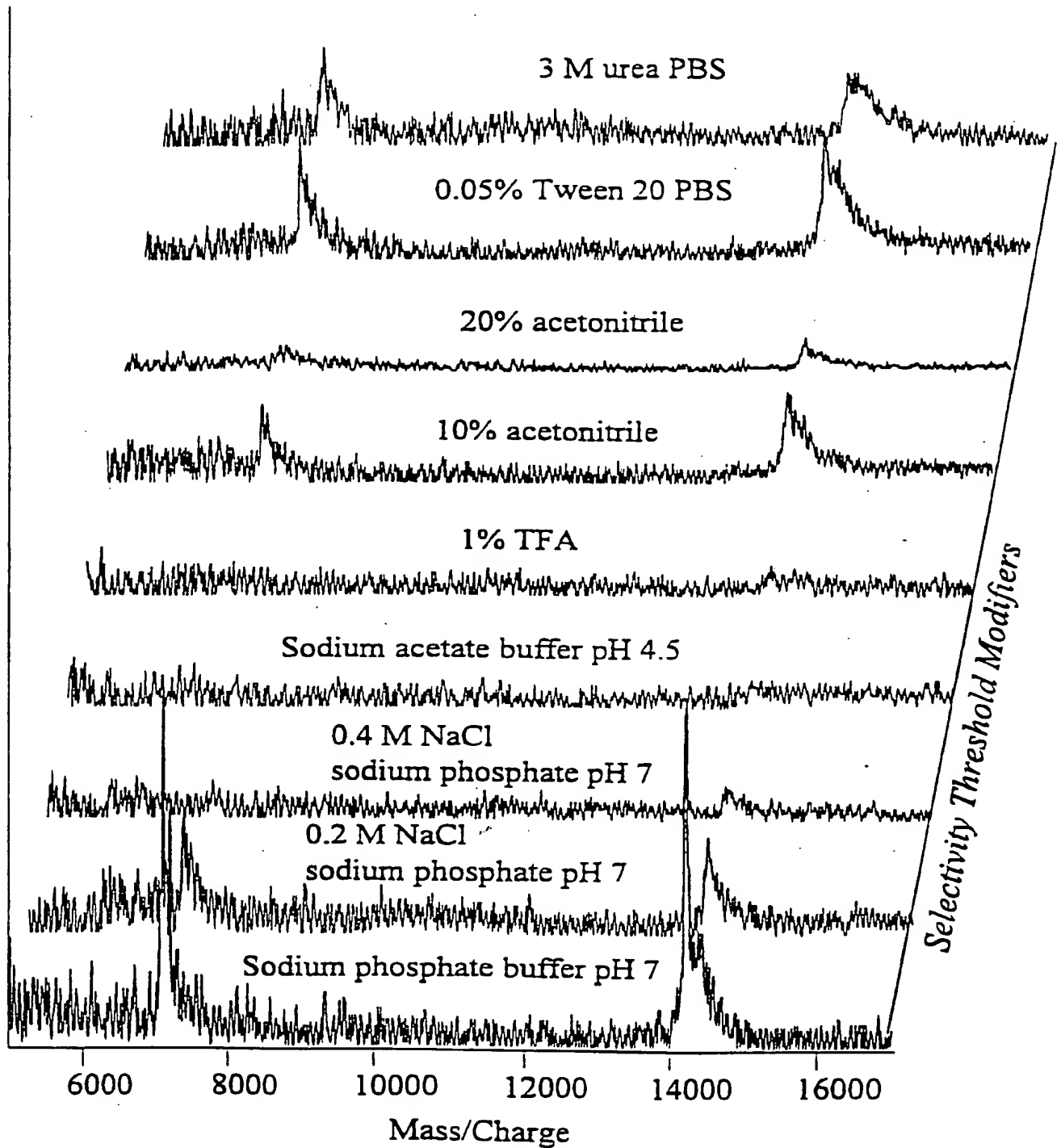
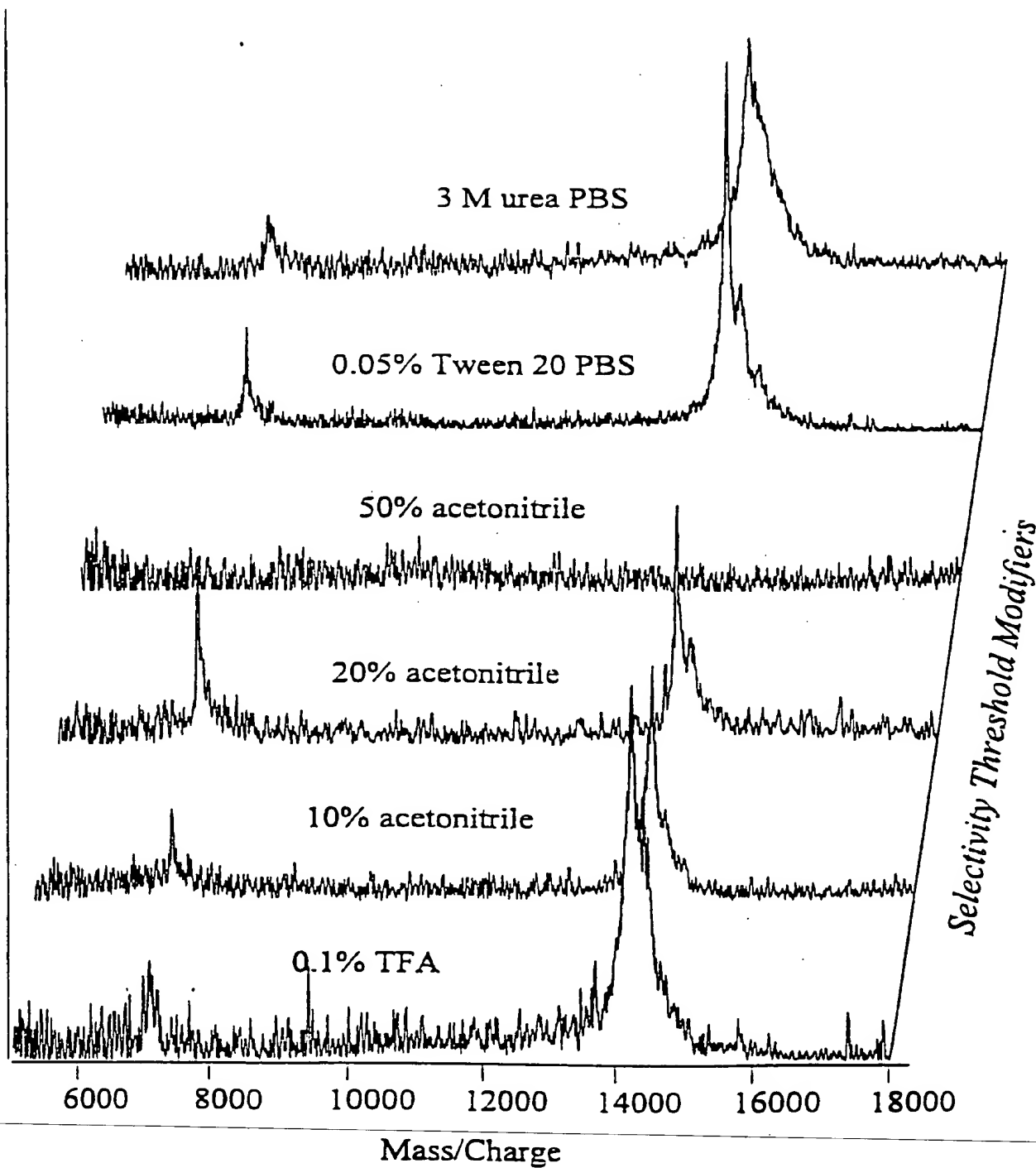


Figure 5A



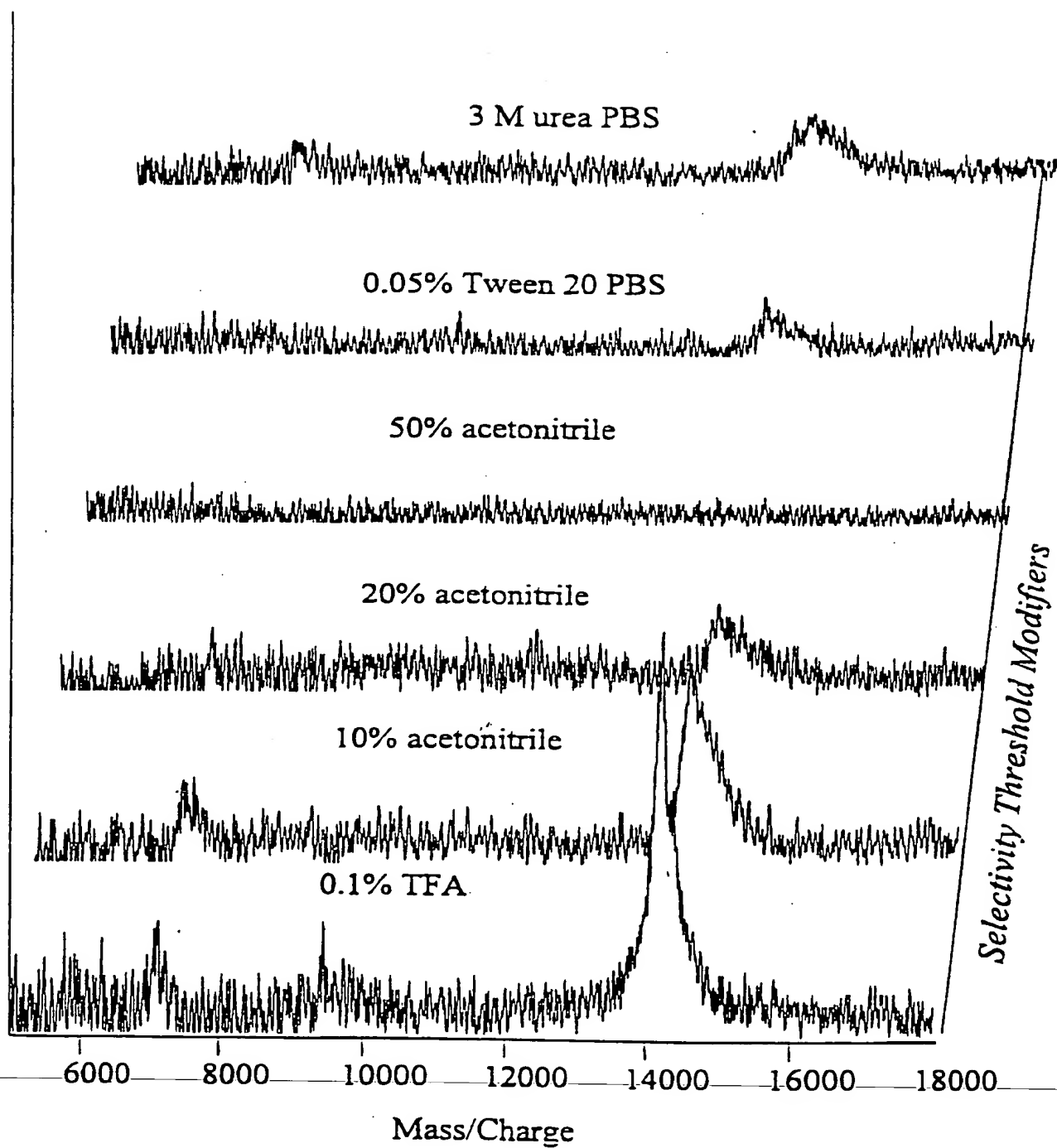
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Figure 5B



0010063 06199
866790 EE900760

Figure 5C



09100633 061998

Figure 5D

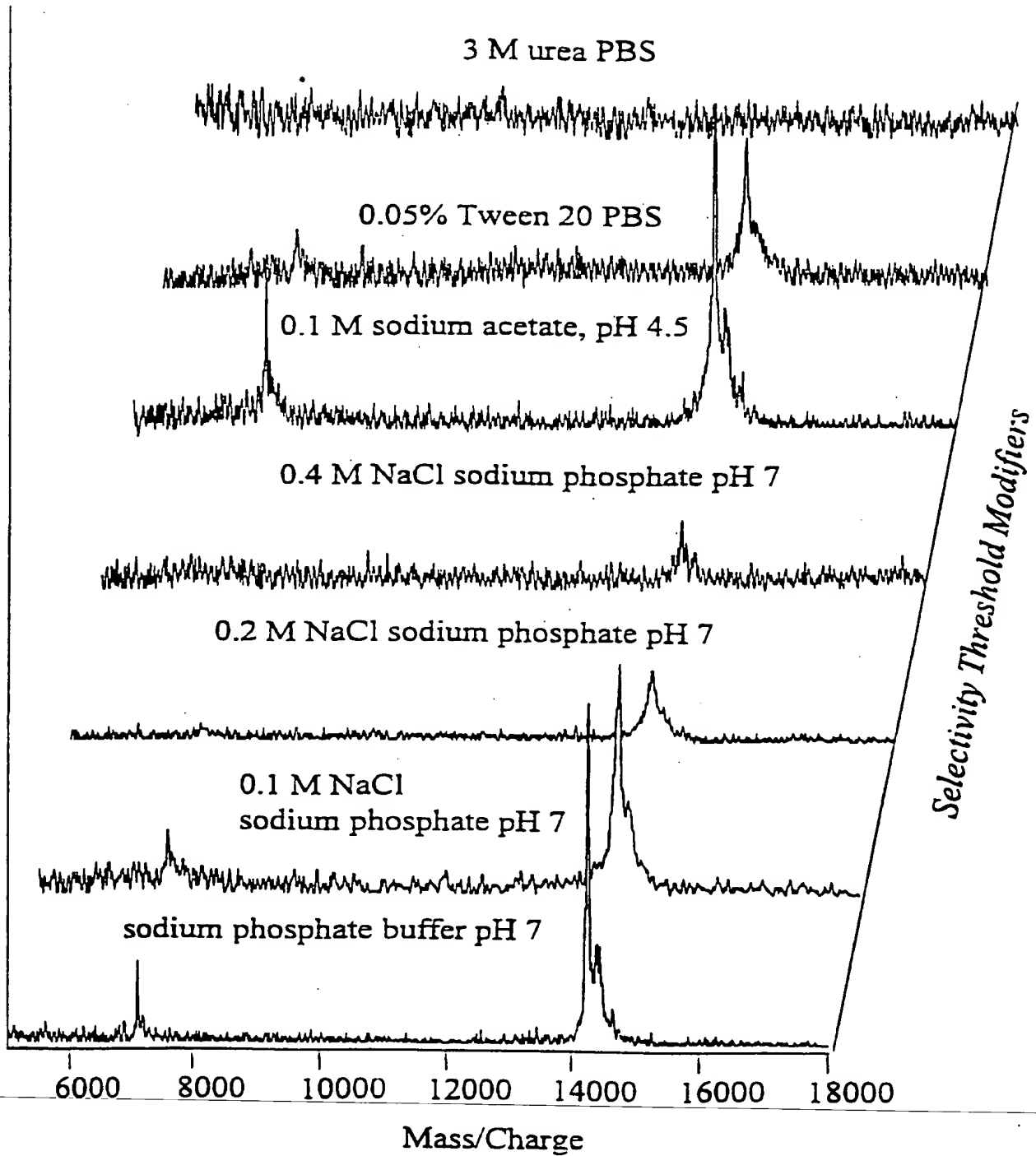
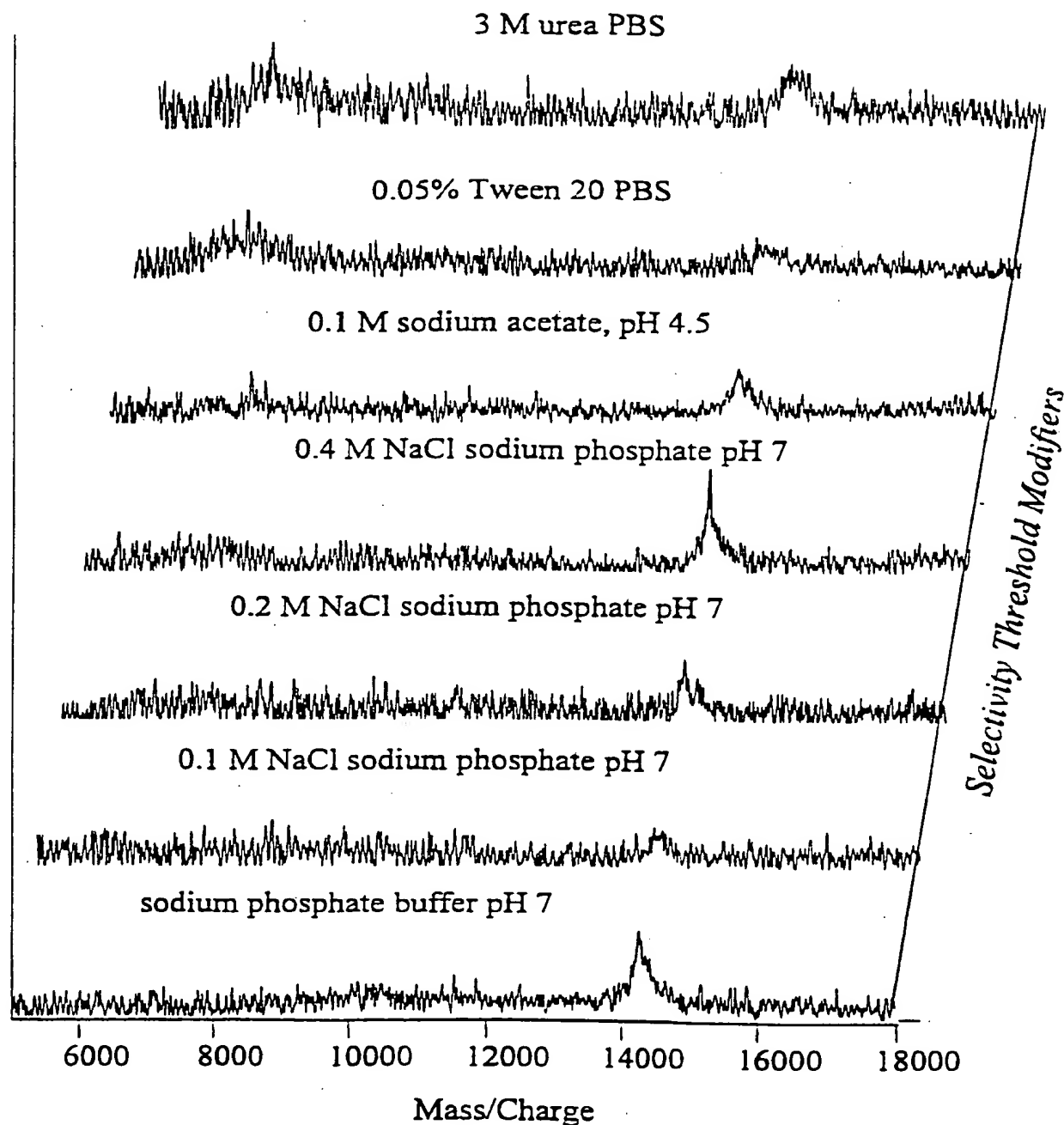
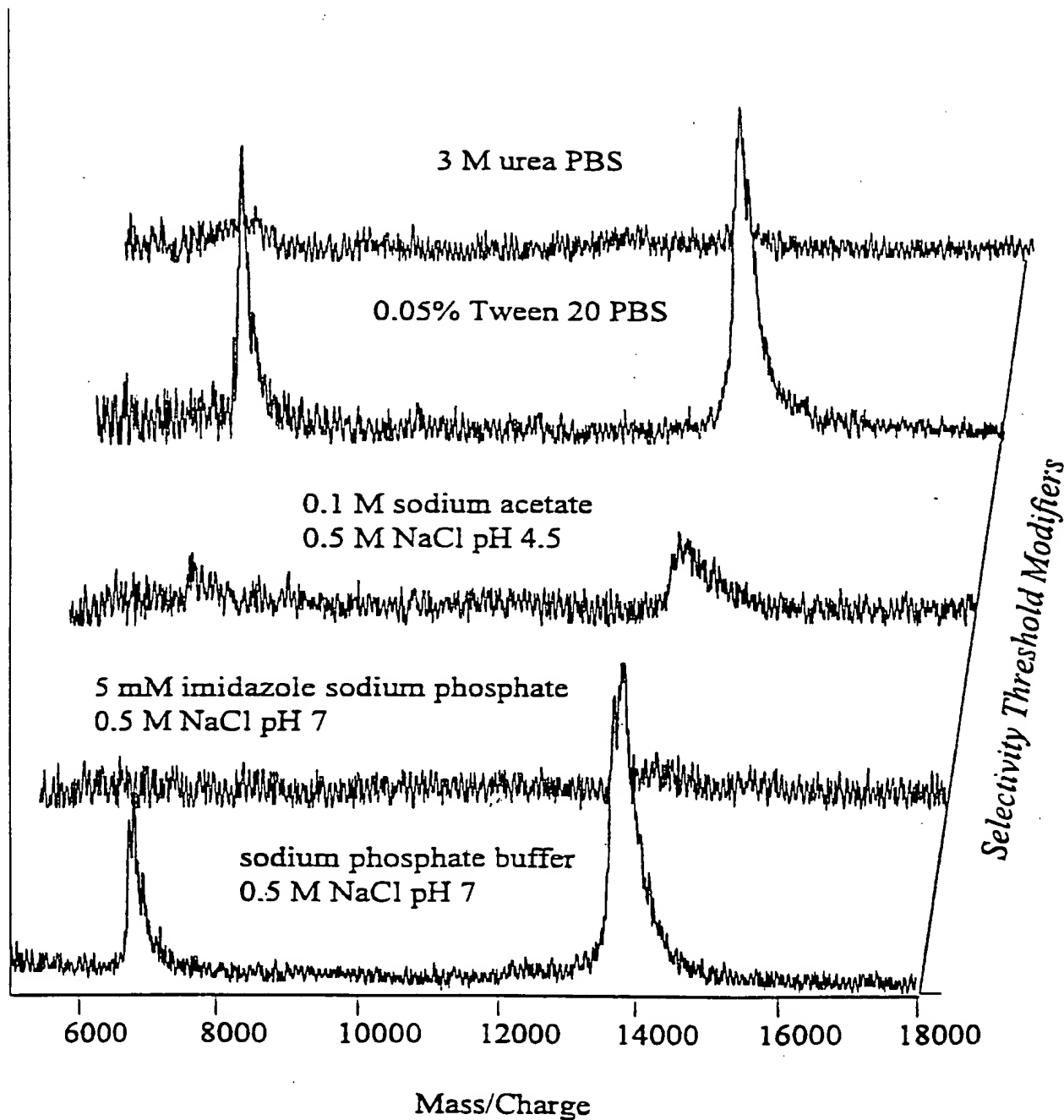


Figure 5E



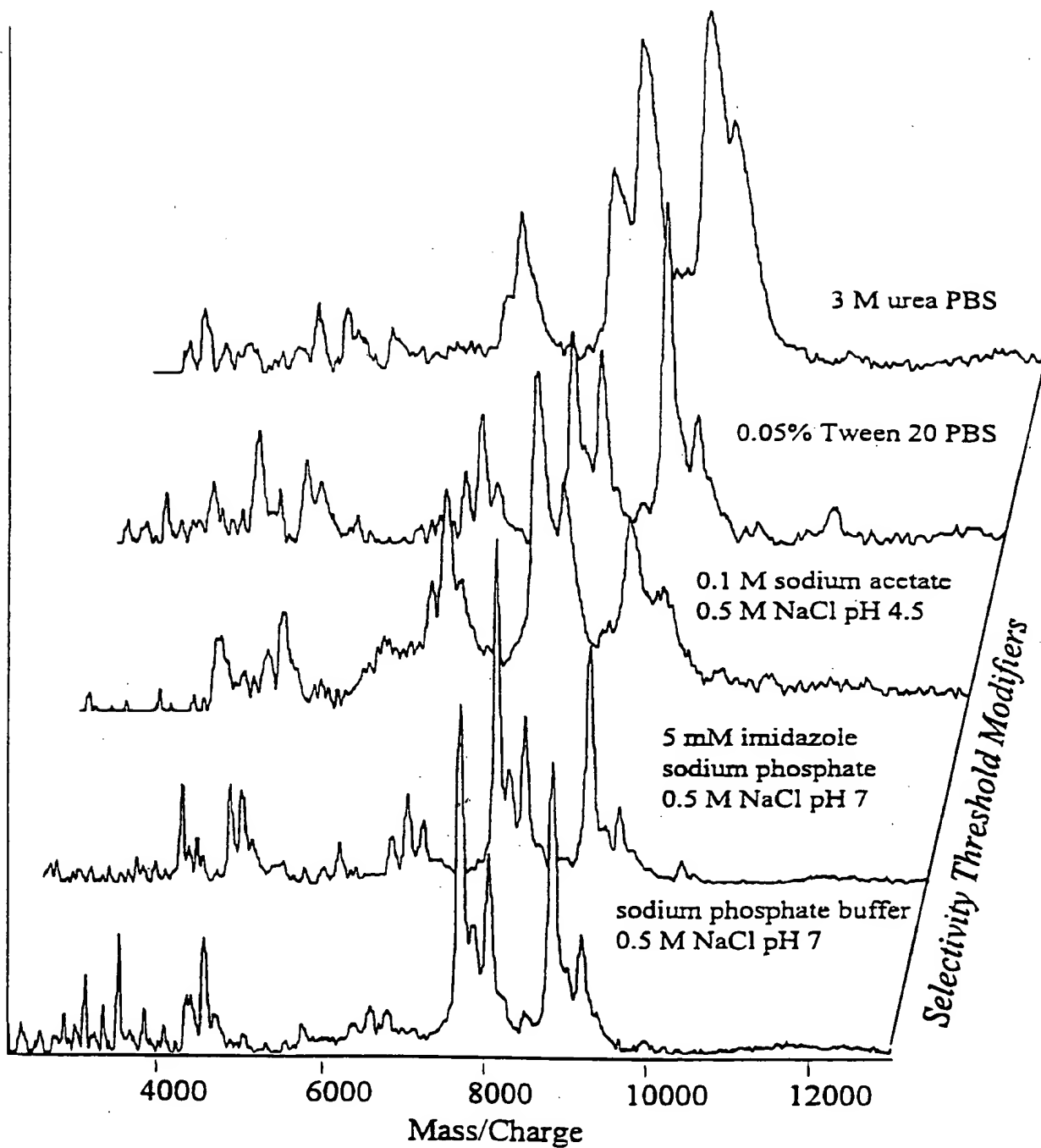
09100633 061998

Figure 5F



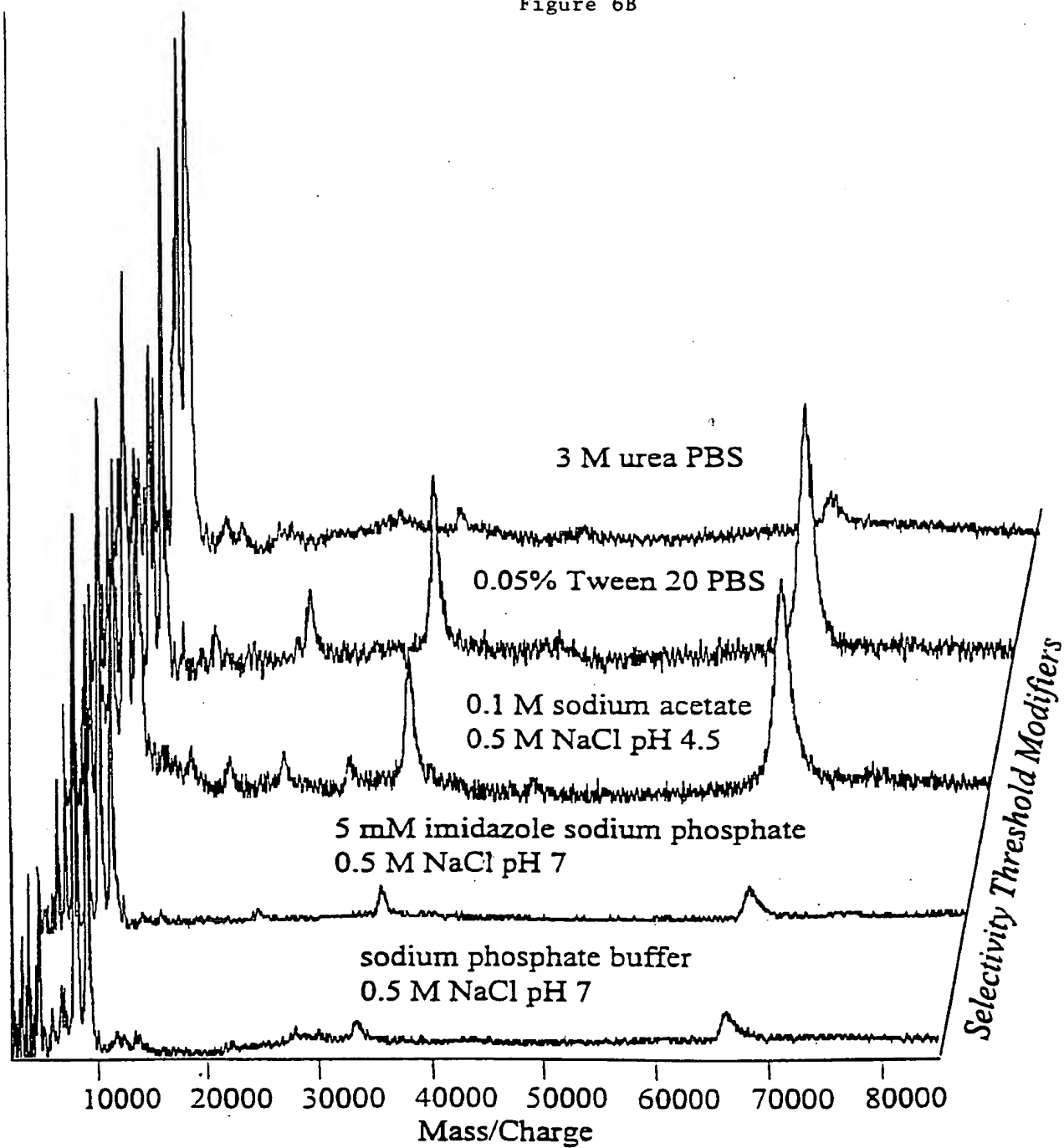
09:100633.06:1998

Figure 6A



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Figure 6B



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Figure 7A

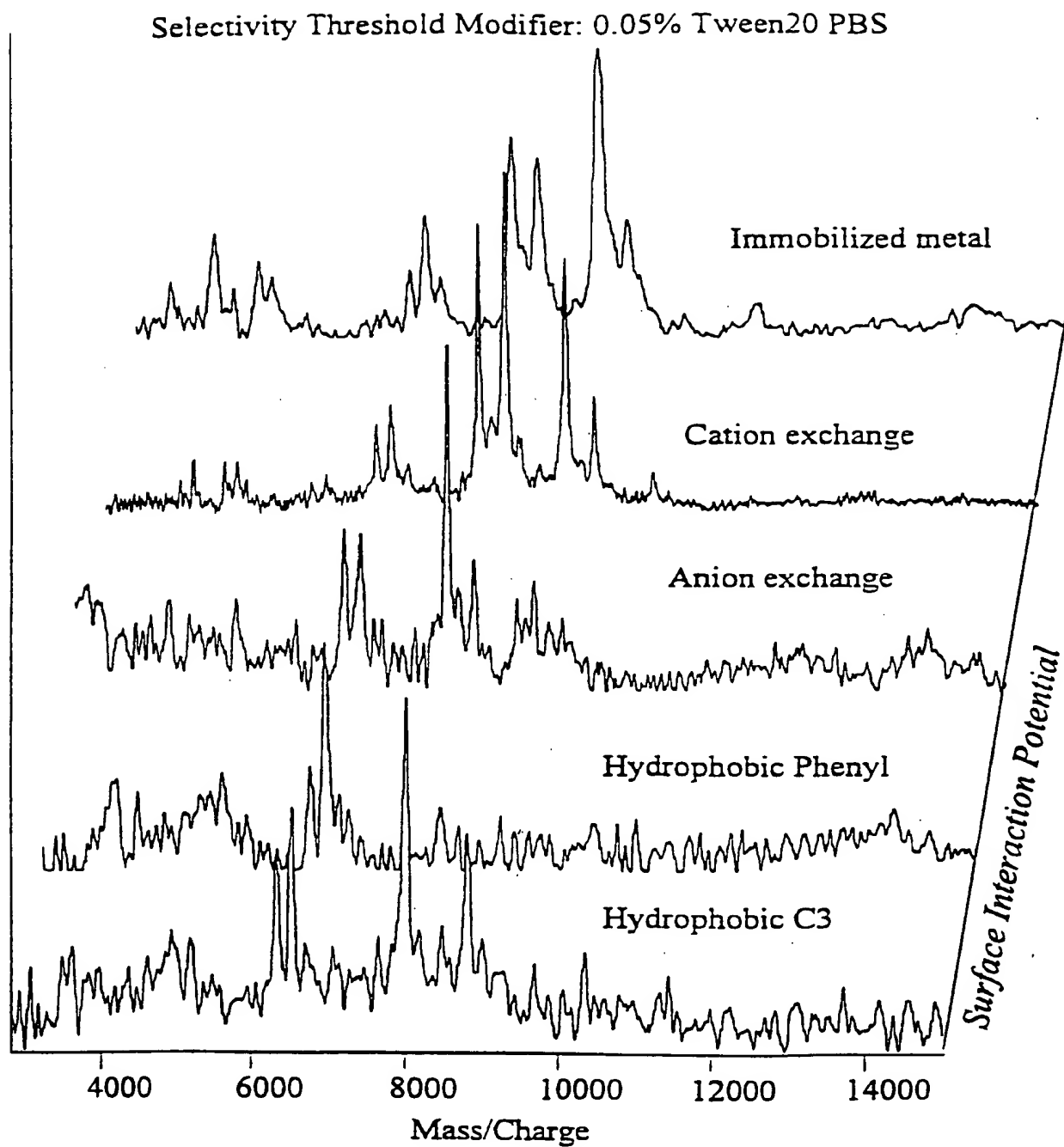


Figure 7B

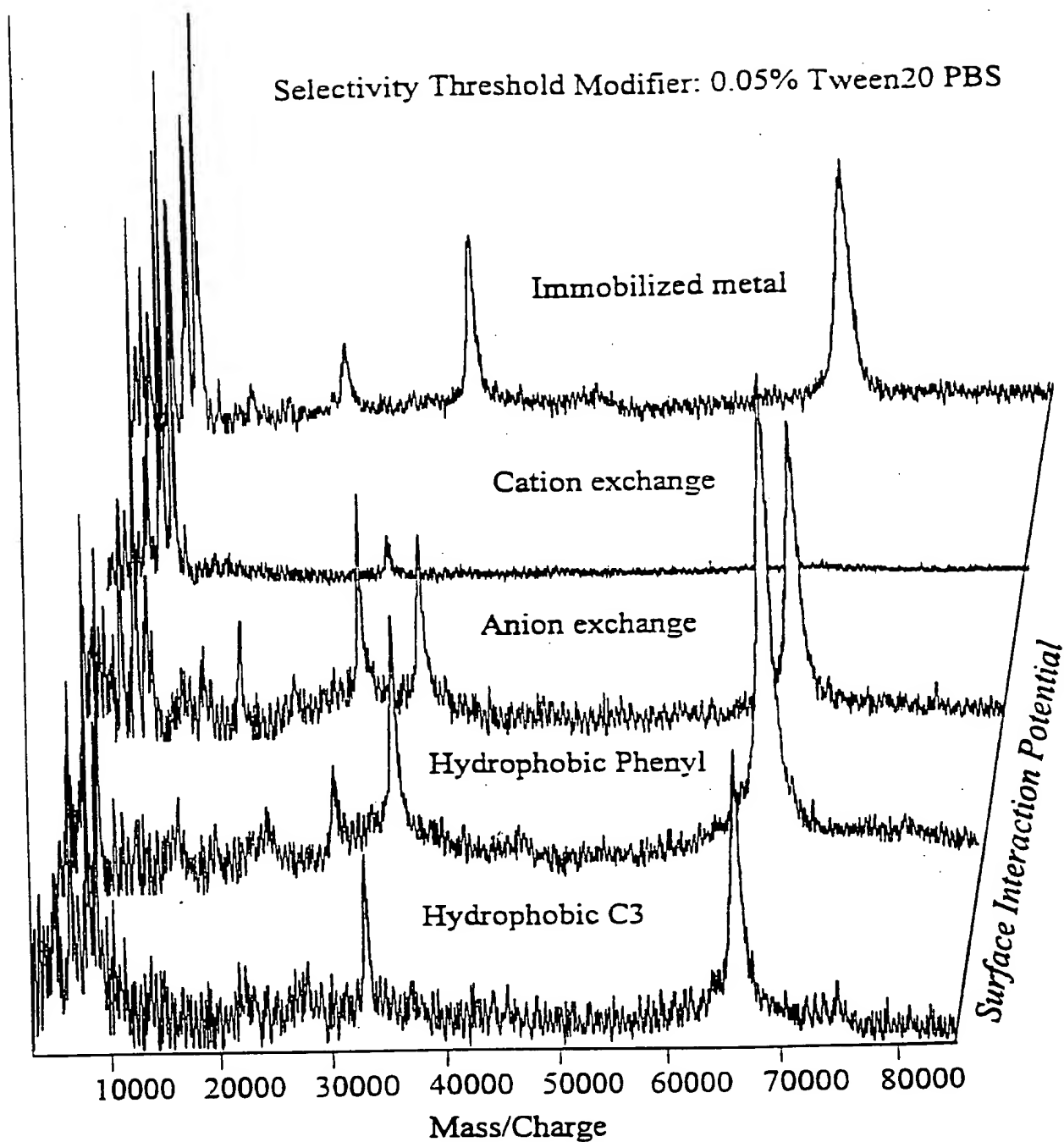


Figure 8A

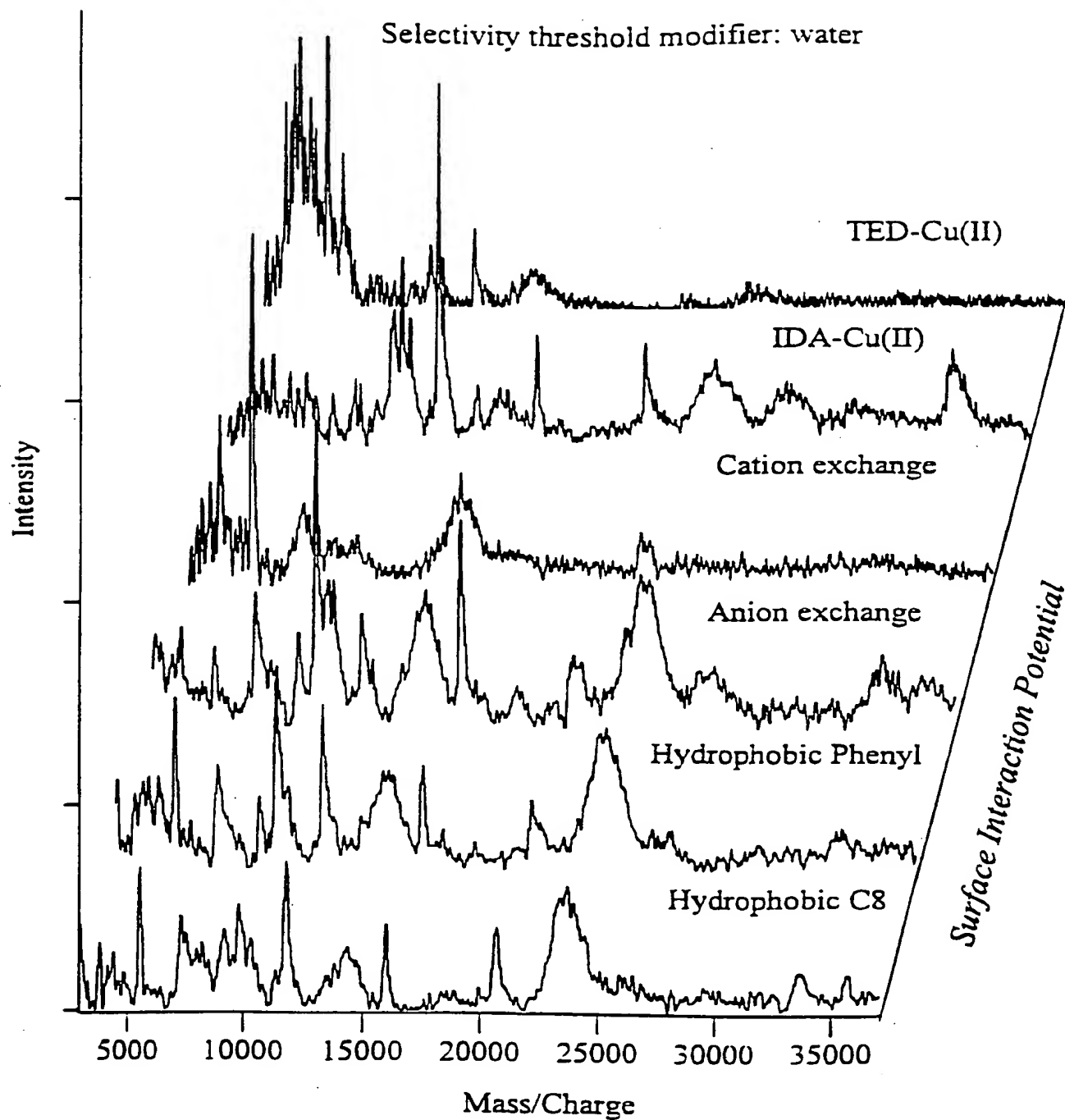


Figure 8B

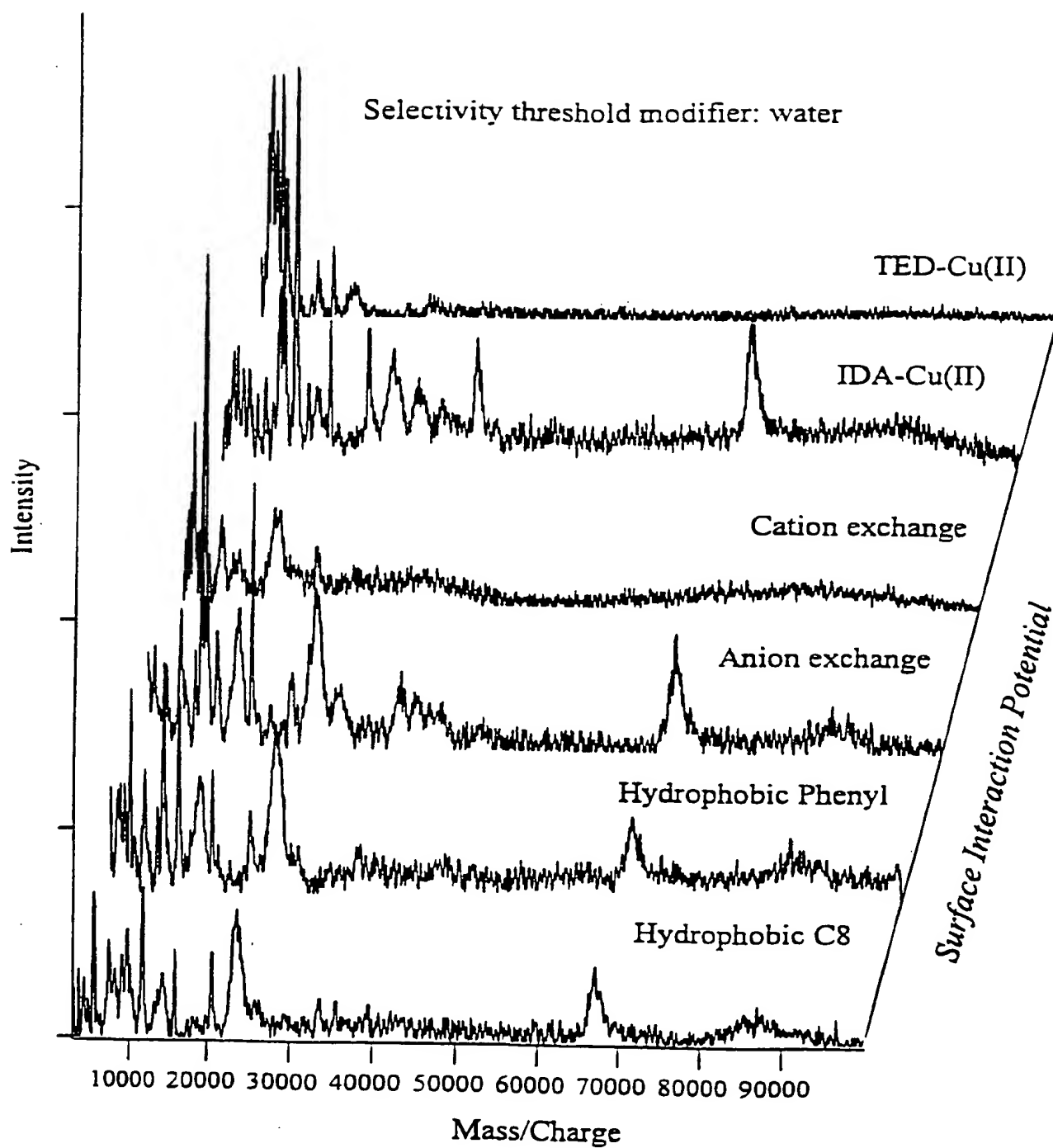


Fig. 9

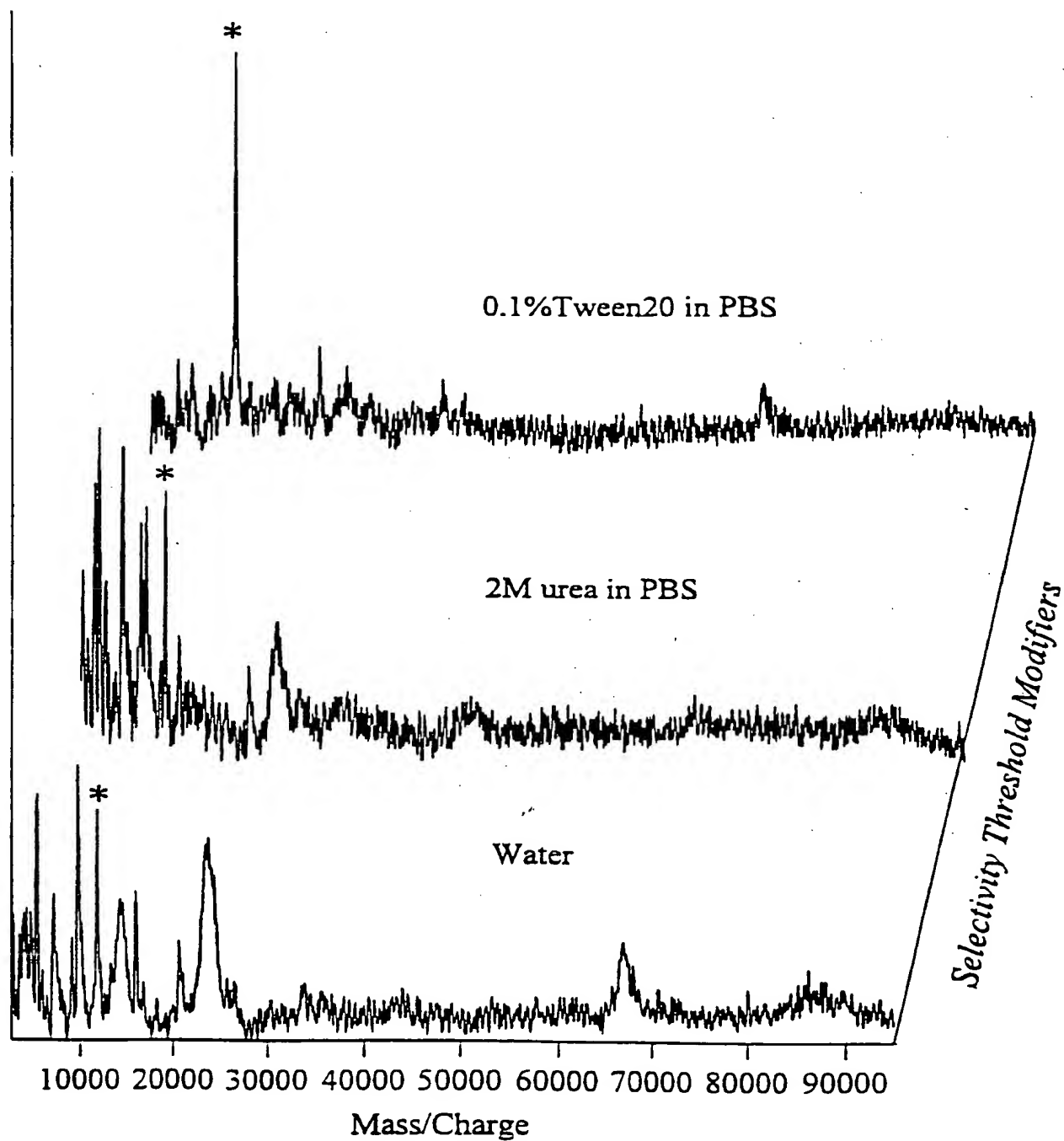


Figure 10A

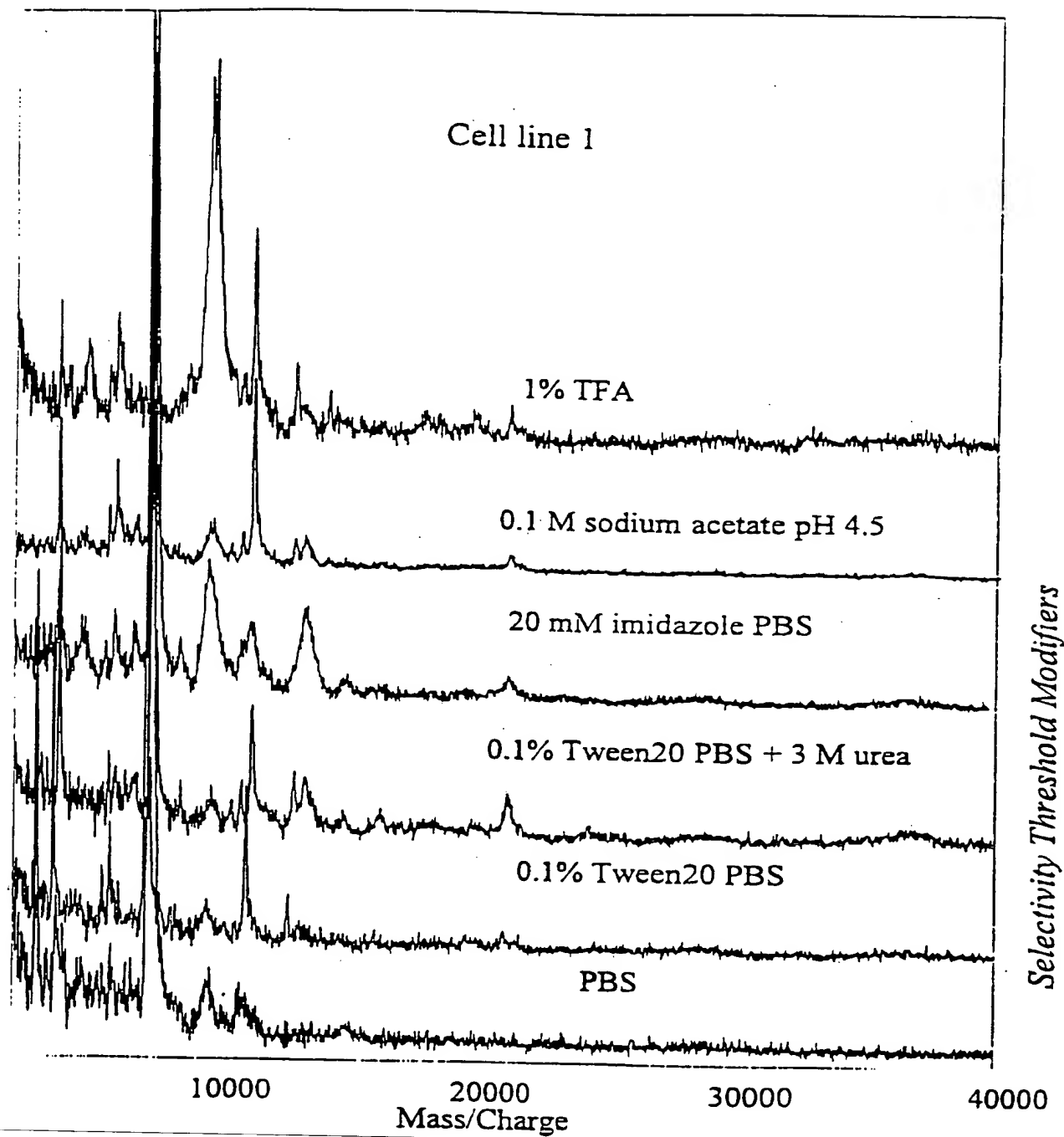
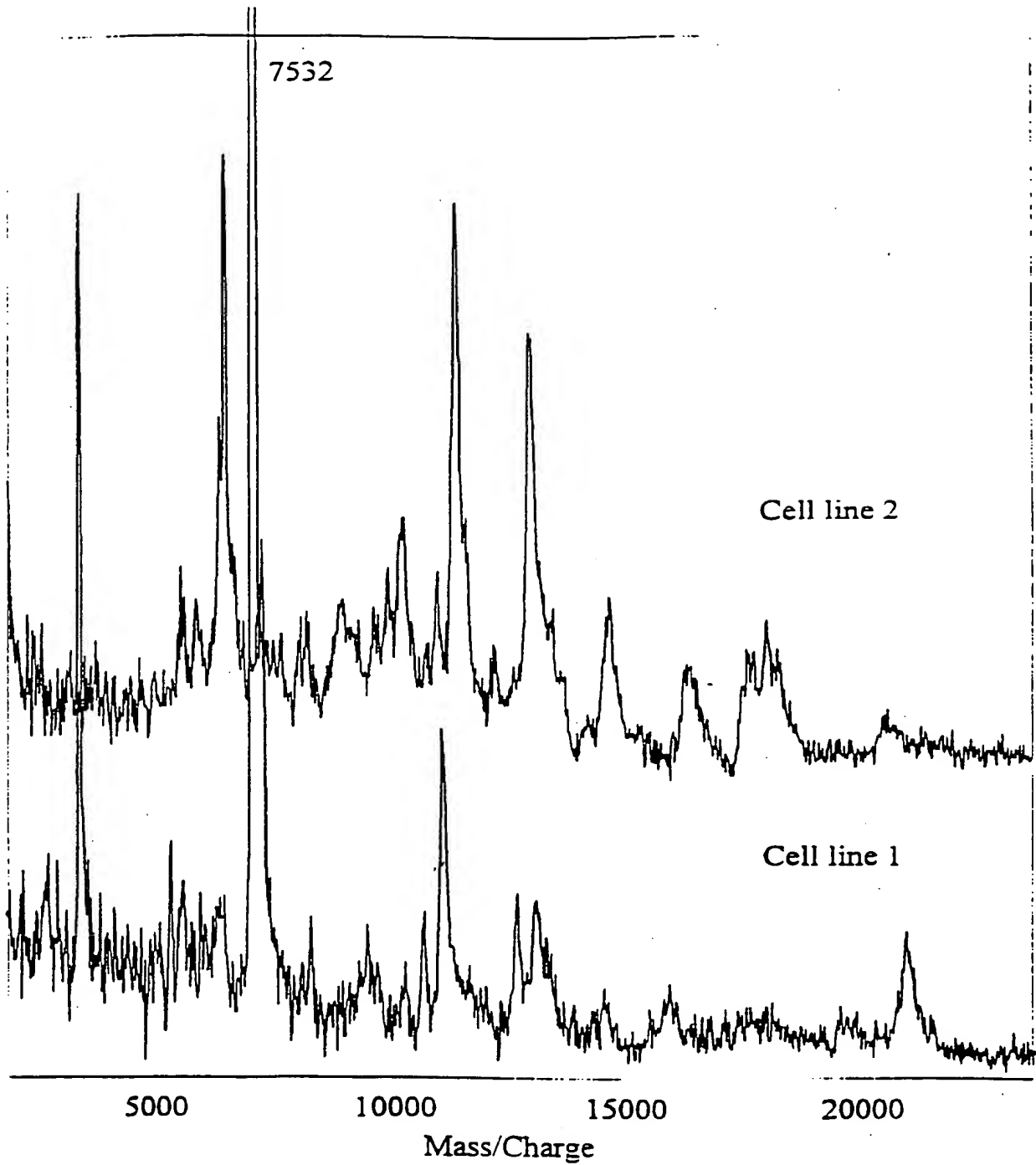
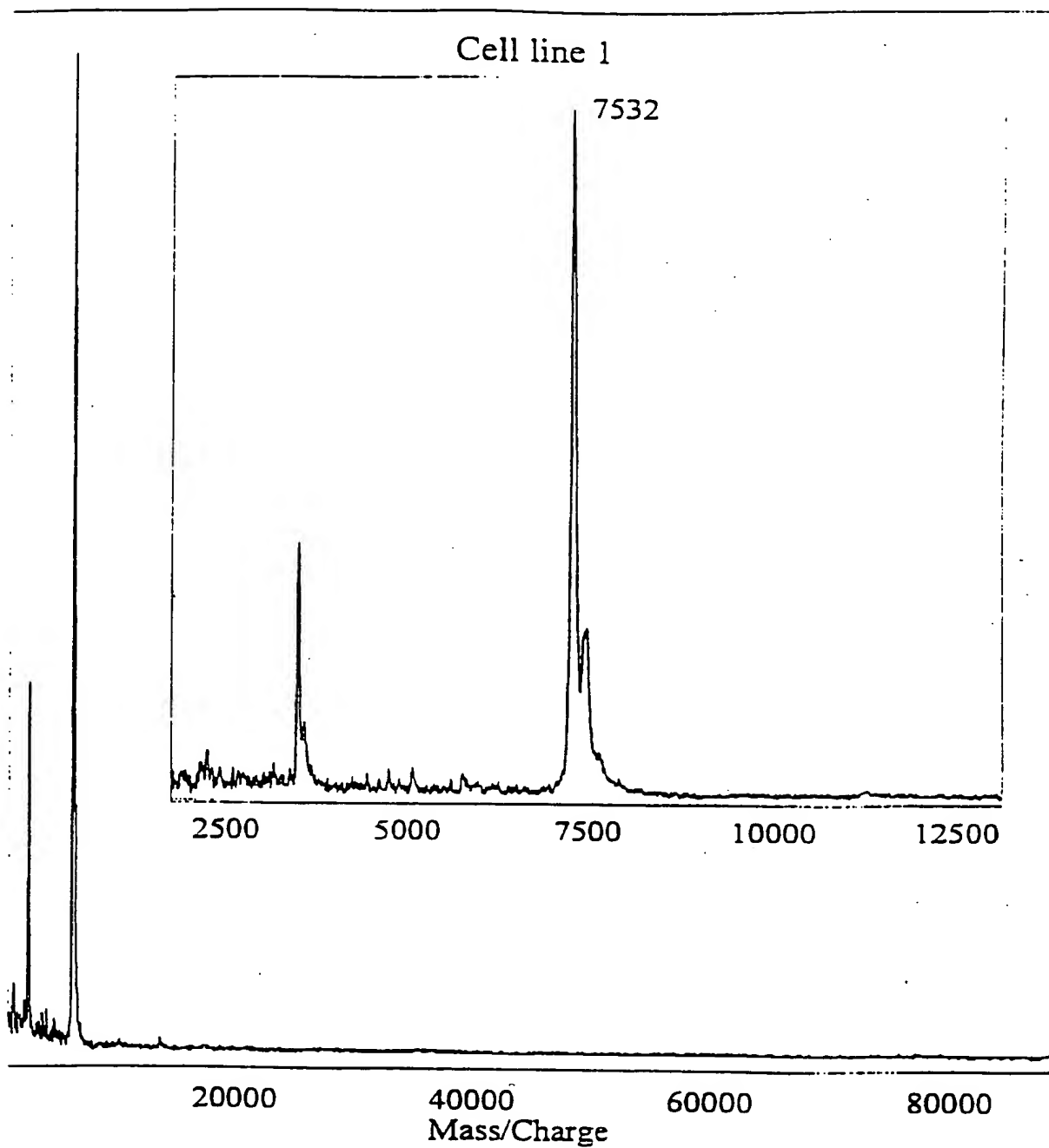


Figure 10B



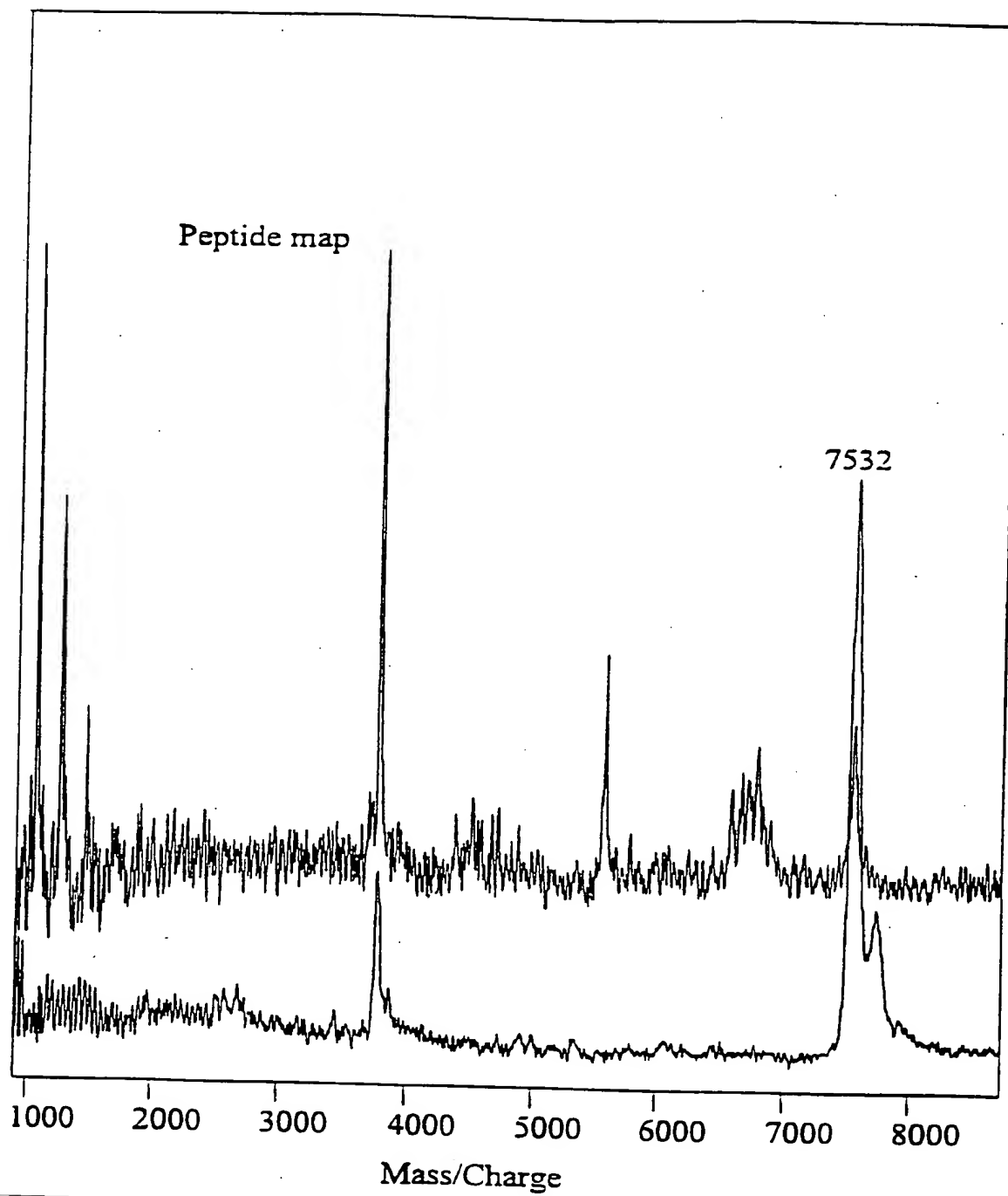
0910063 061998 866790 E900T60

Figure 10C



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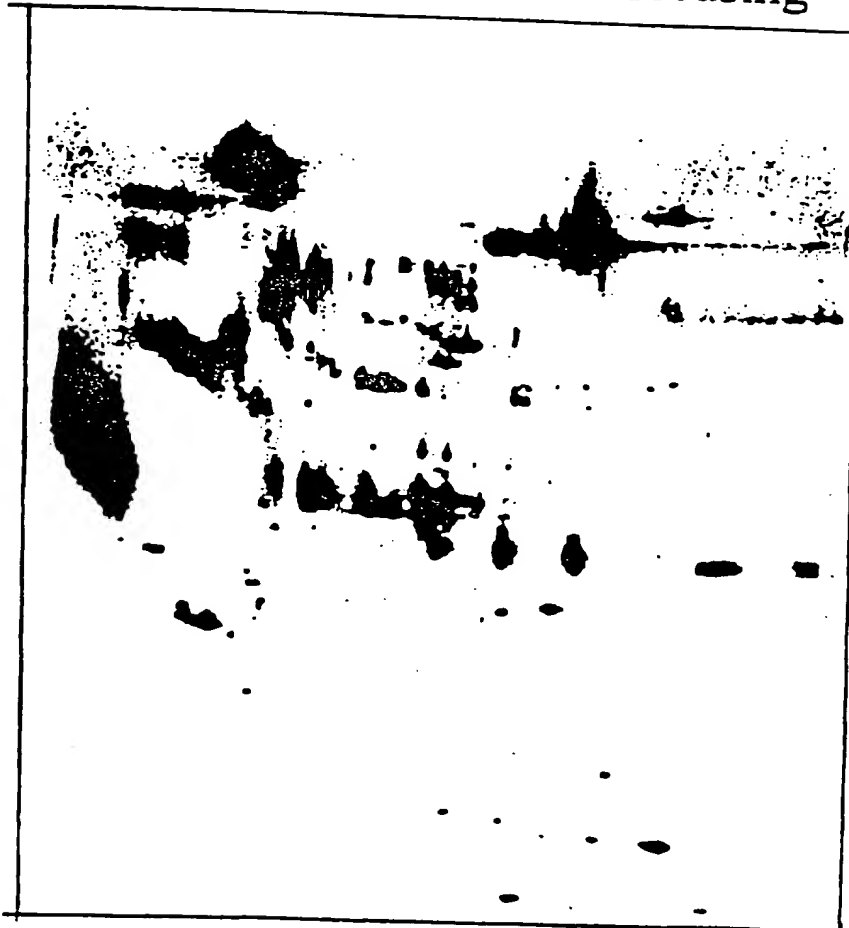
Figure 10D



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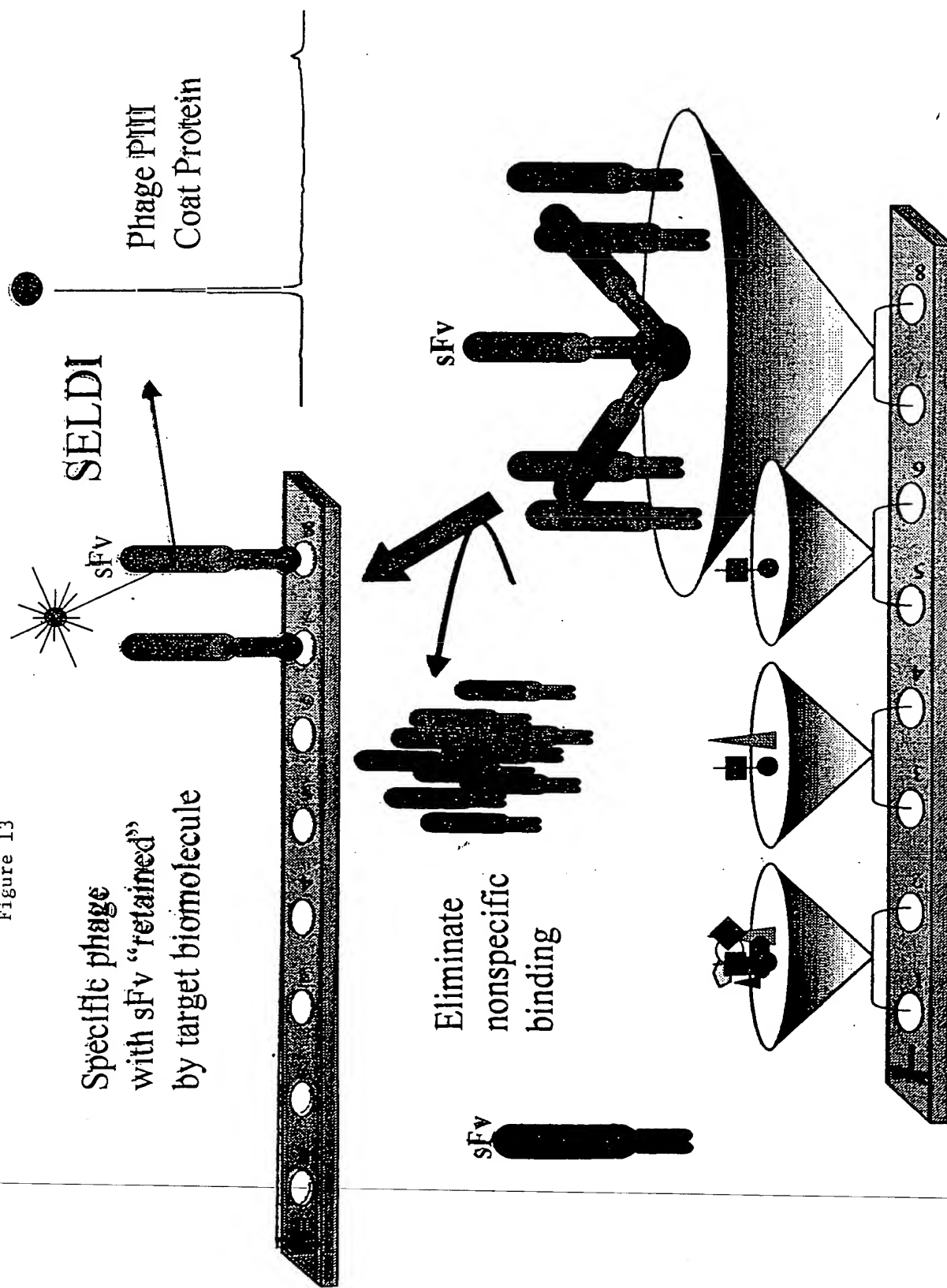
Figure 12

1st dimension: Isoelectric focusing



2nd dimension: SDS PAGE

Figure 13

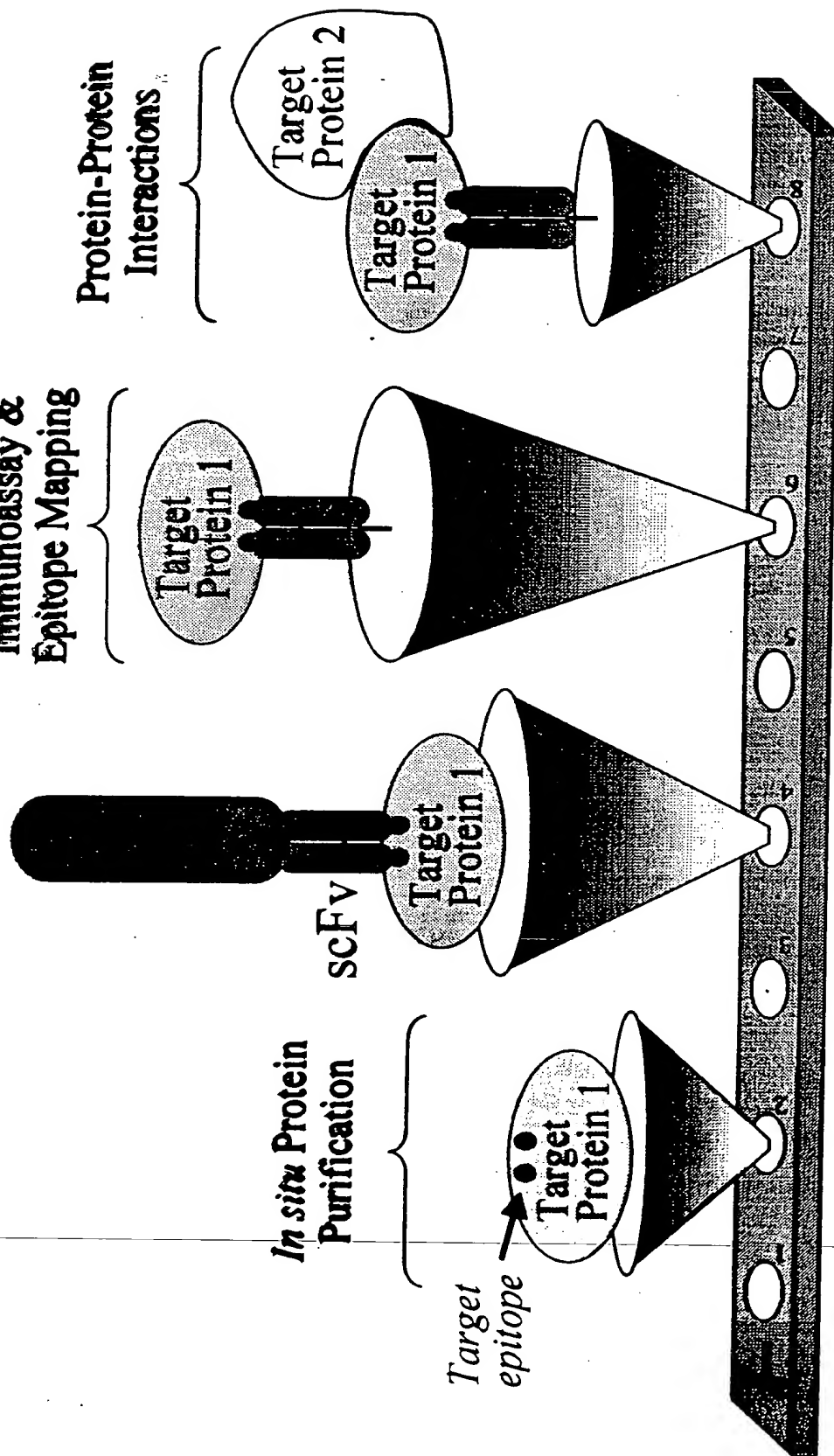


**Phage Display
Library Selection**

FIG. 14

**scFv Array
Immunoassay &
Epitope Mapping**

**Protein-Protein
Interactions**



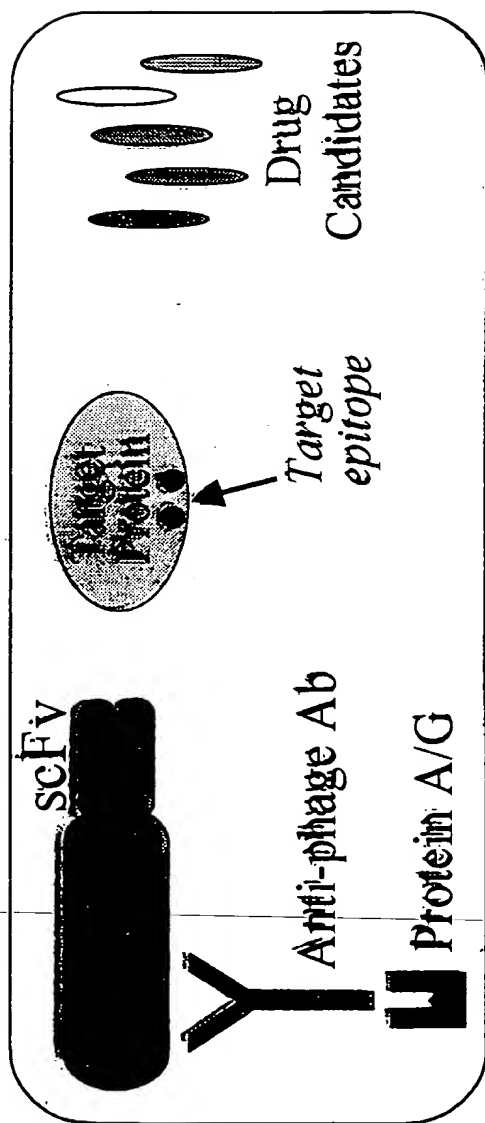
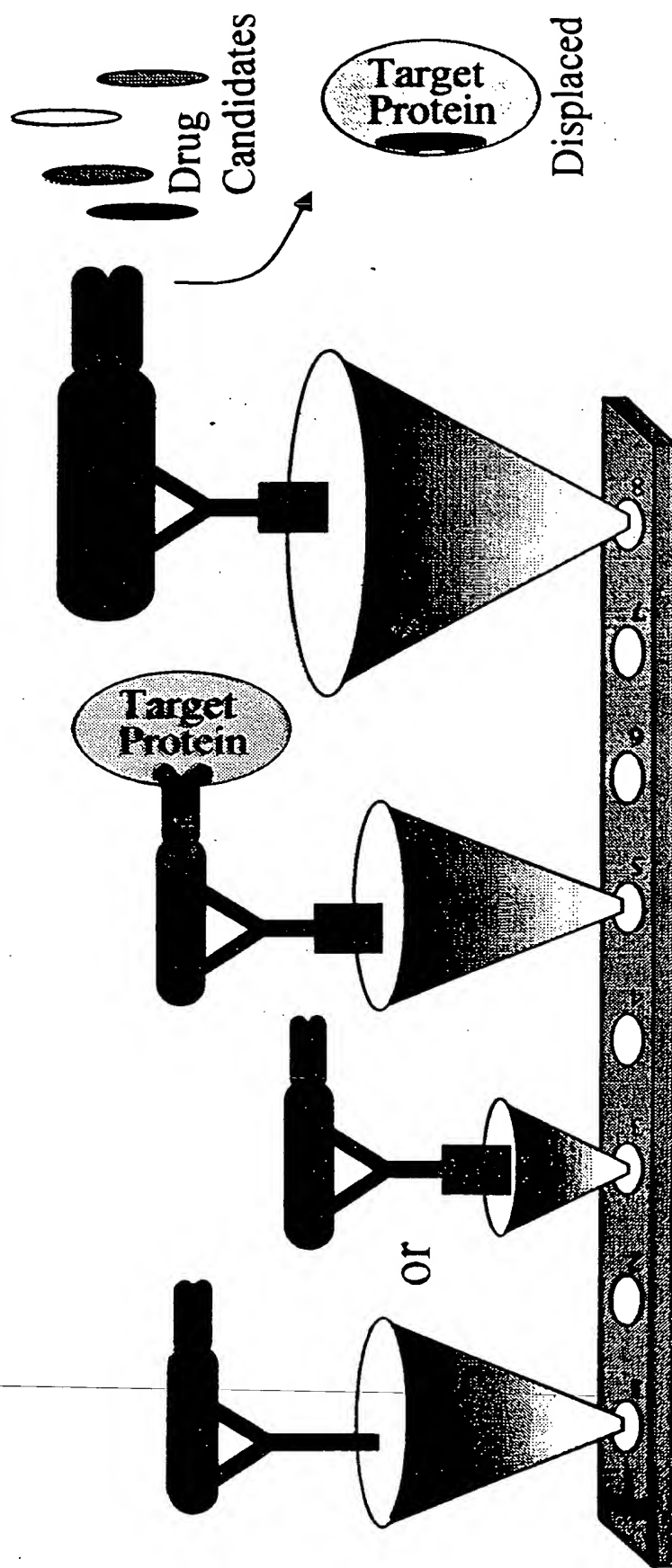


FIG. 15



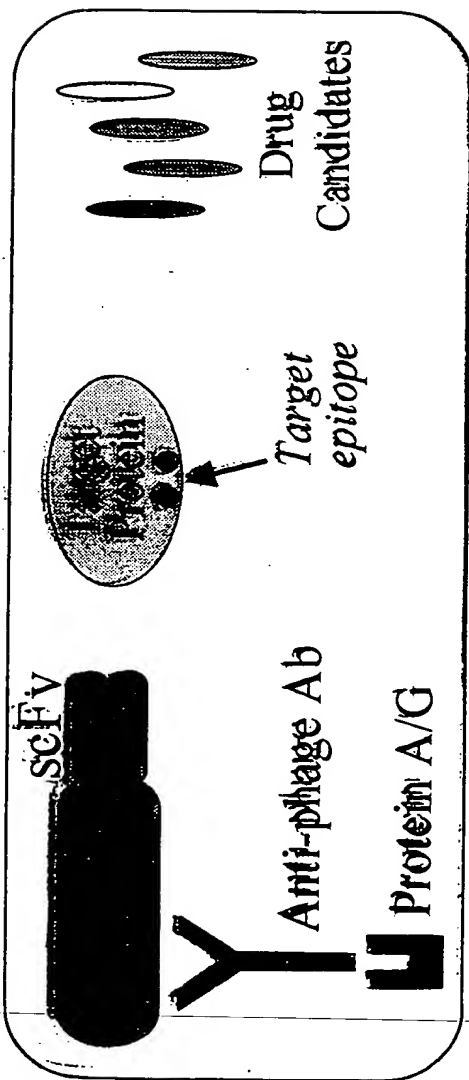


FIG. 16

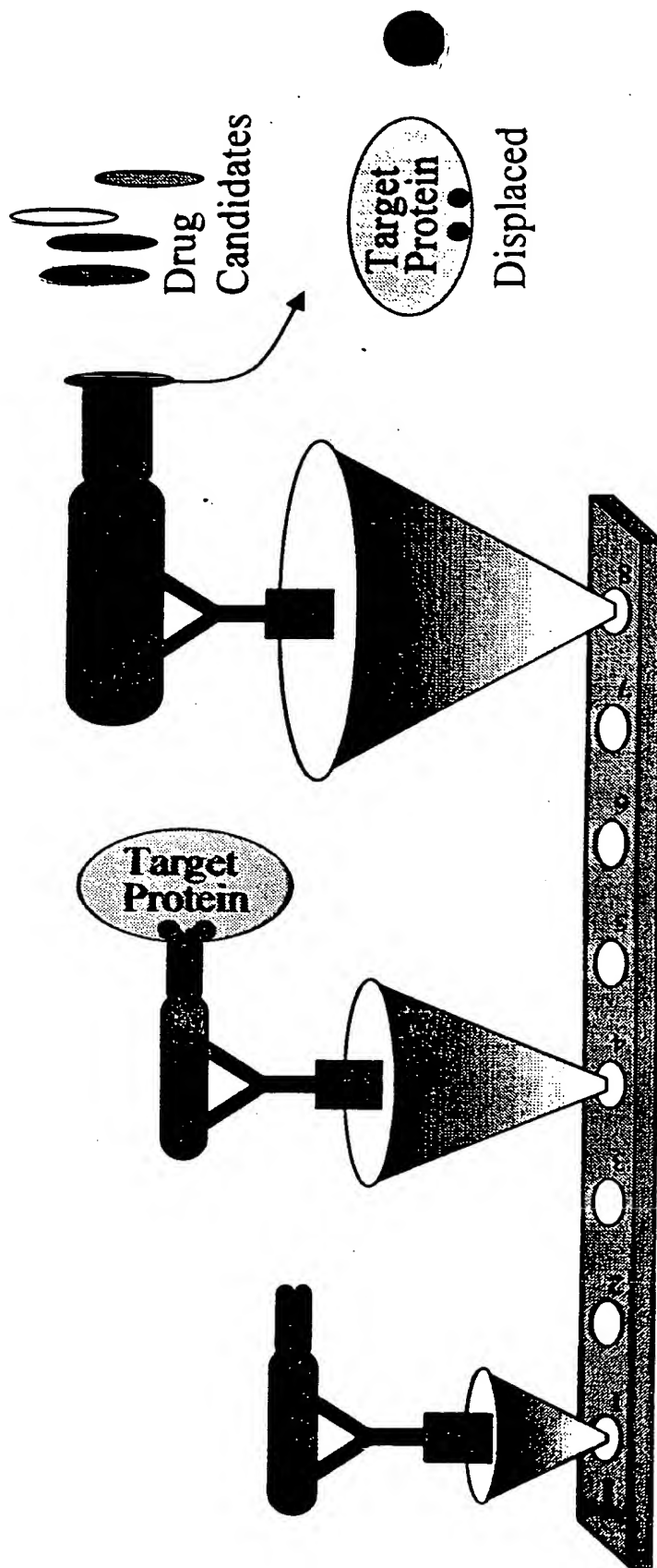


Figure 17

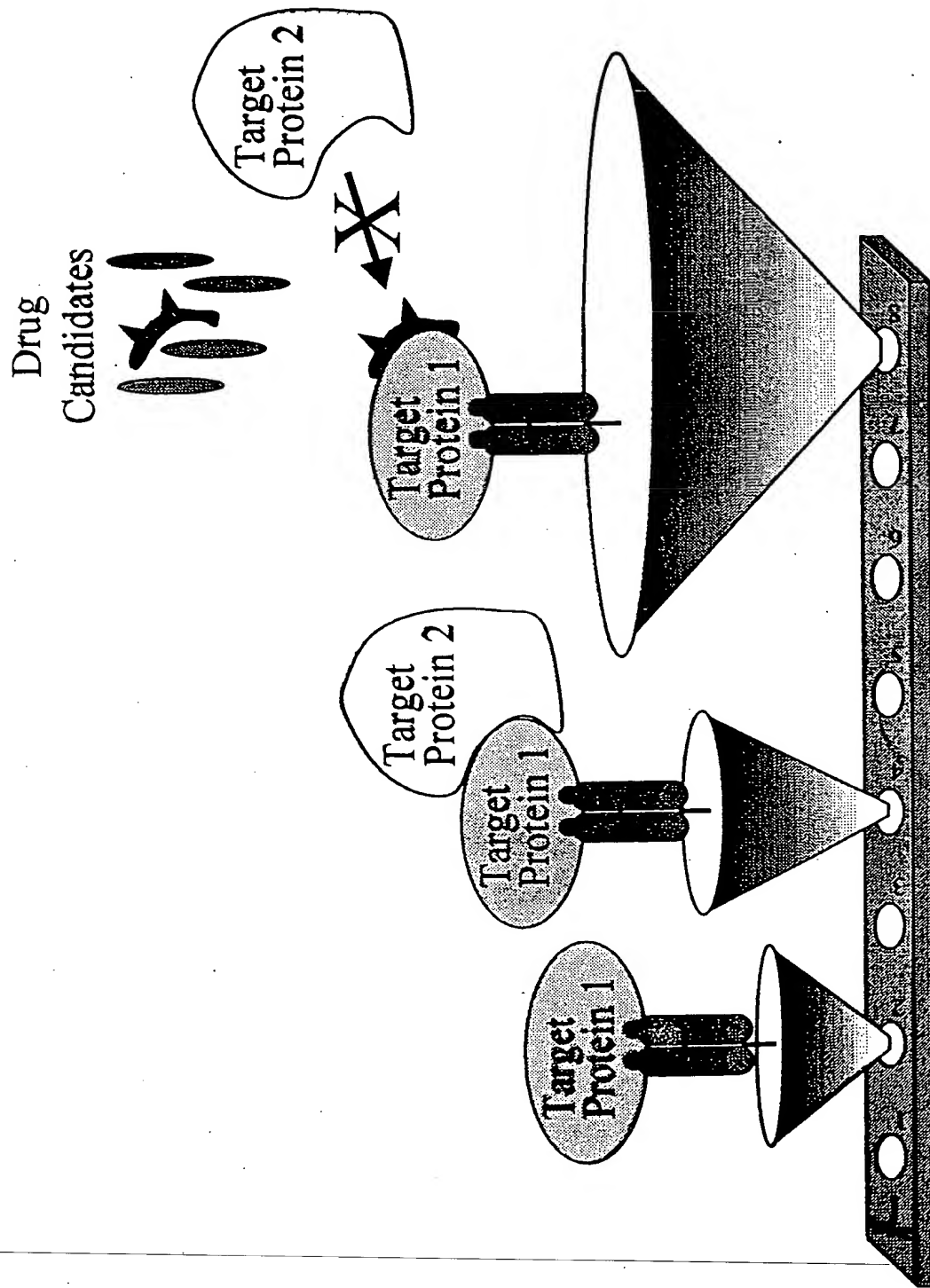
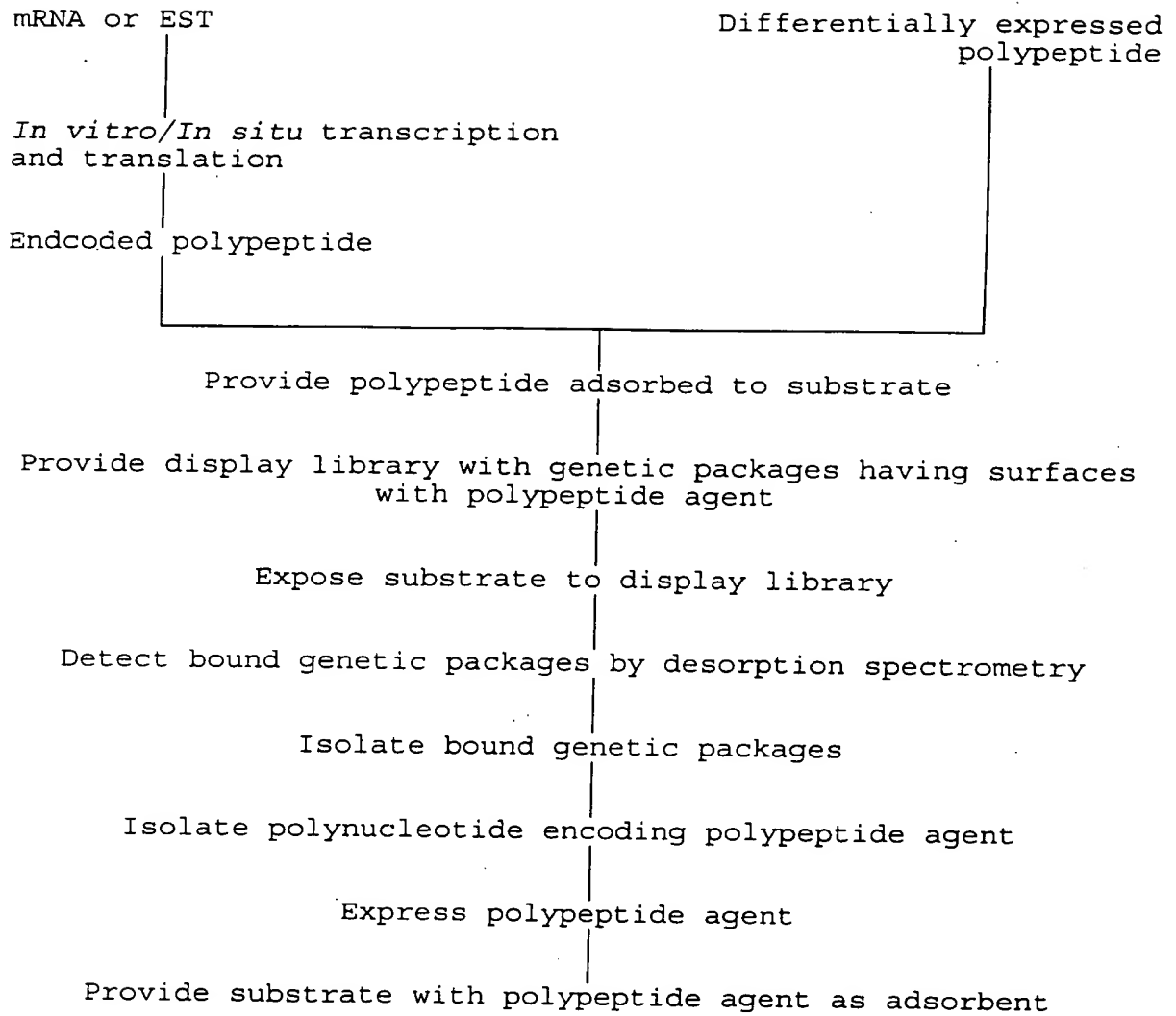


Fig. 18



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FIG. 19

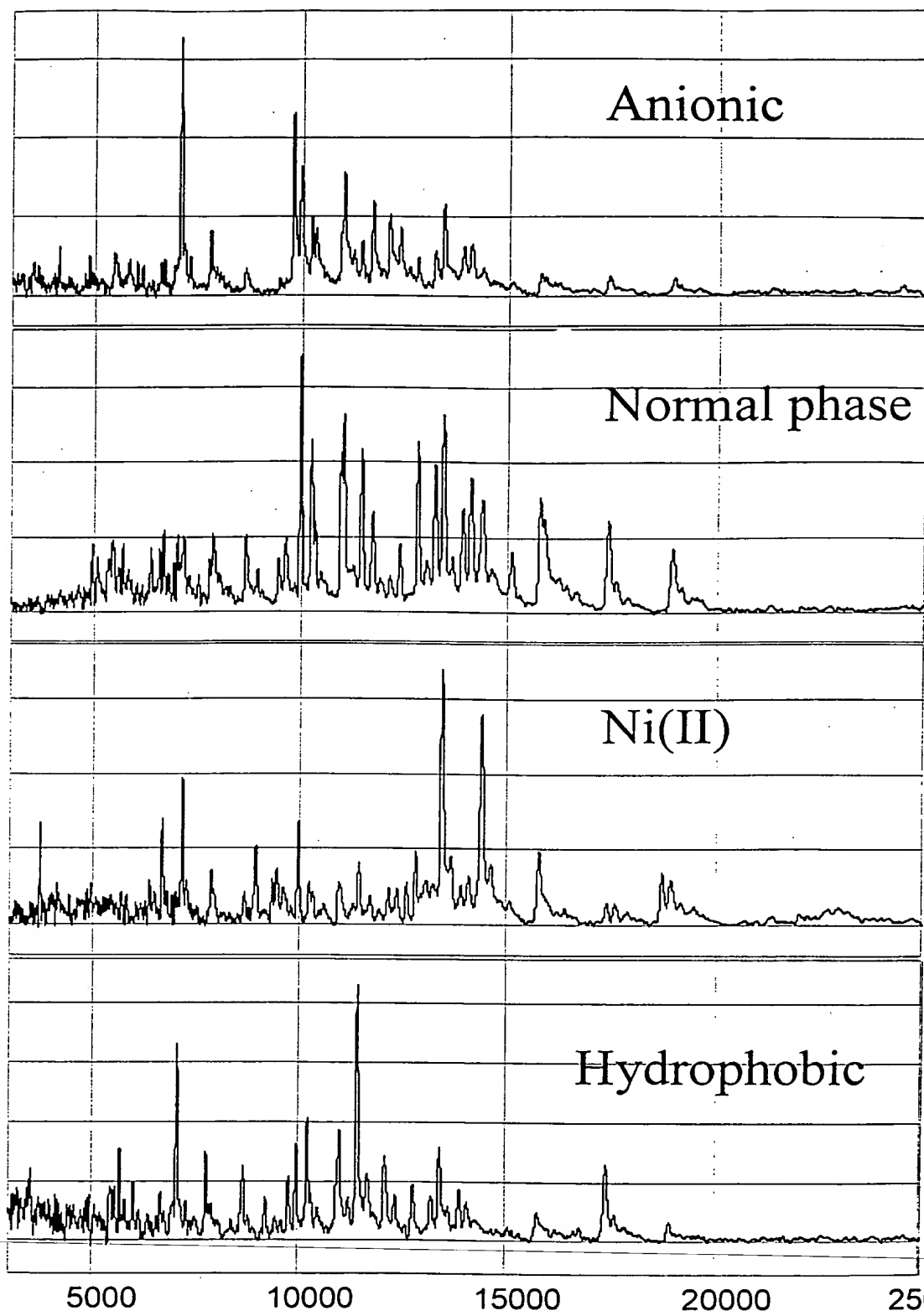


Fig. 19A

Fig. 19B

Fig. 19C

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FIG. 20

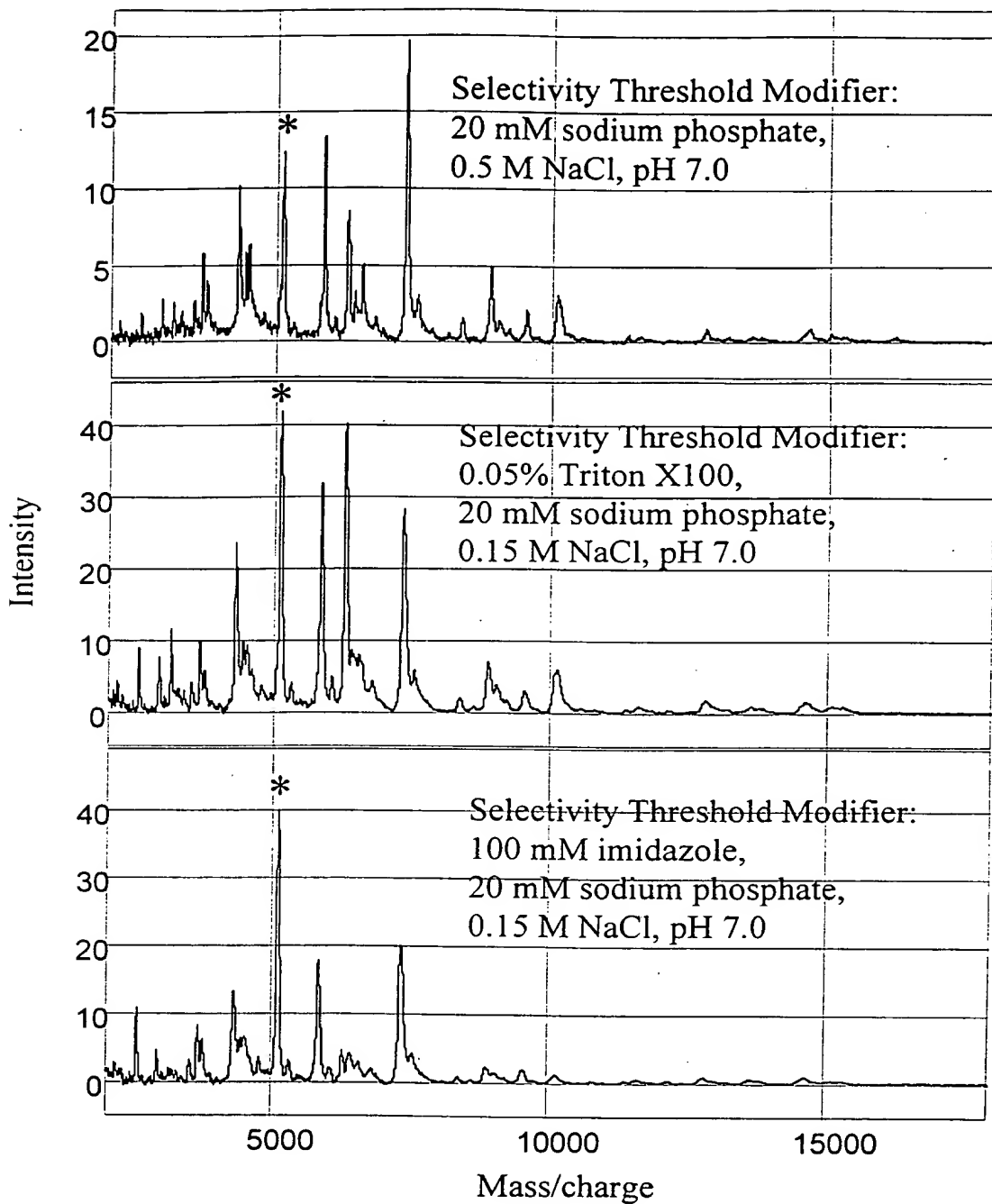


Fig. 20A

Fig. 20B

Fig. 20C

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FIG. 21

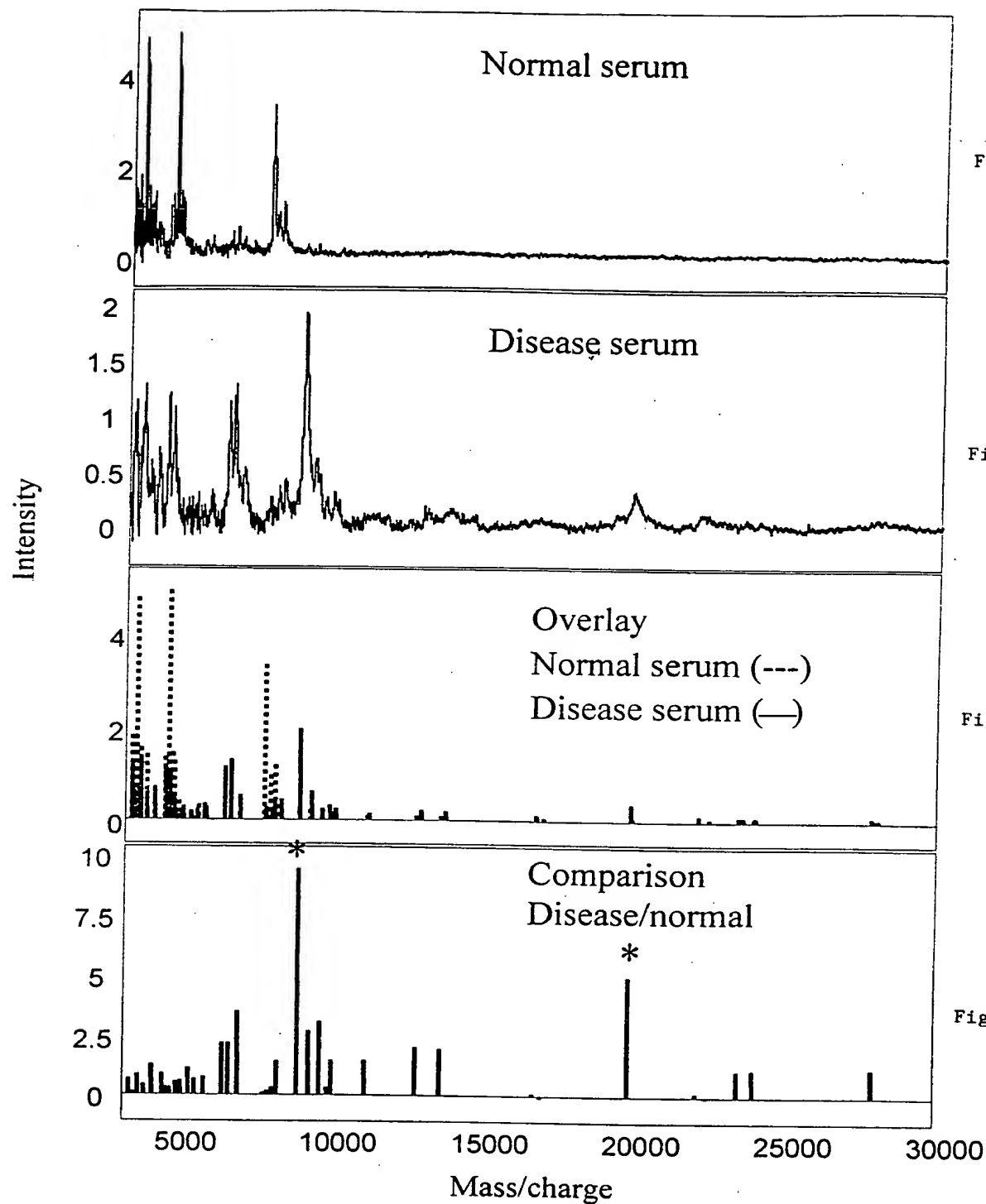


Fig. 21A

Fig. 21B

Fig. 21C

Fig. 21D

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FIG. 22

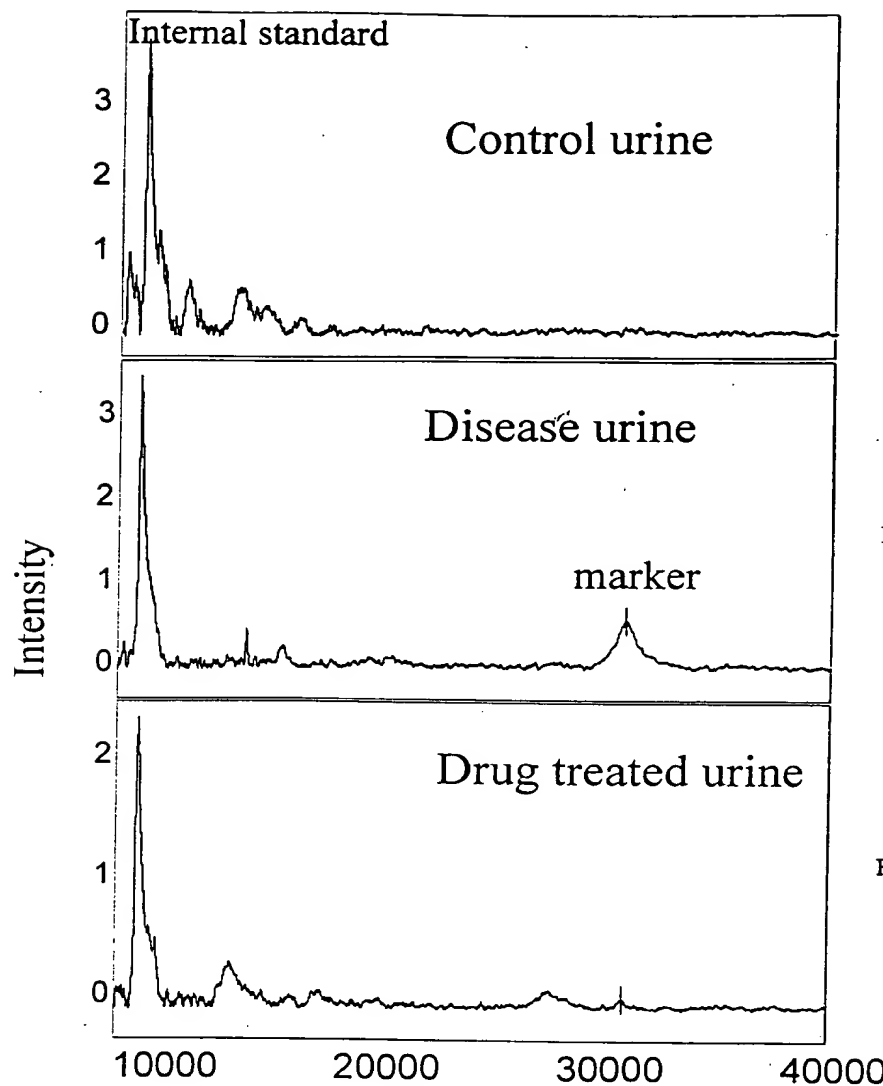


Fig. 22A

Fig. 22B

Fig. 22C

| Sample | Protein | Area | Intensity |
|--------------|---------|----------|-----------|
| Disease | Int std | 1139.044 | 3.340518 |
| | marker | 695.4804 | 0.580081 |
| Drug treated | Int std | 1383.883 | 3.780178 |
| | marker | 71.05119 | 0.143227 |

Fig. 22D

Normalized marker peak area (marker/internal std):

| | |
|--------------|------|
| Control | 0.0 |
| Disease | 0.61 |
| Drug treated | 0.05 |

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FIG. 23

Retentate Map™ of Human Urine SELDI ProteinChip™ Array

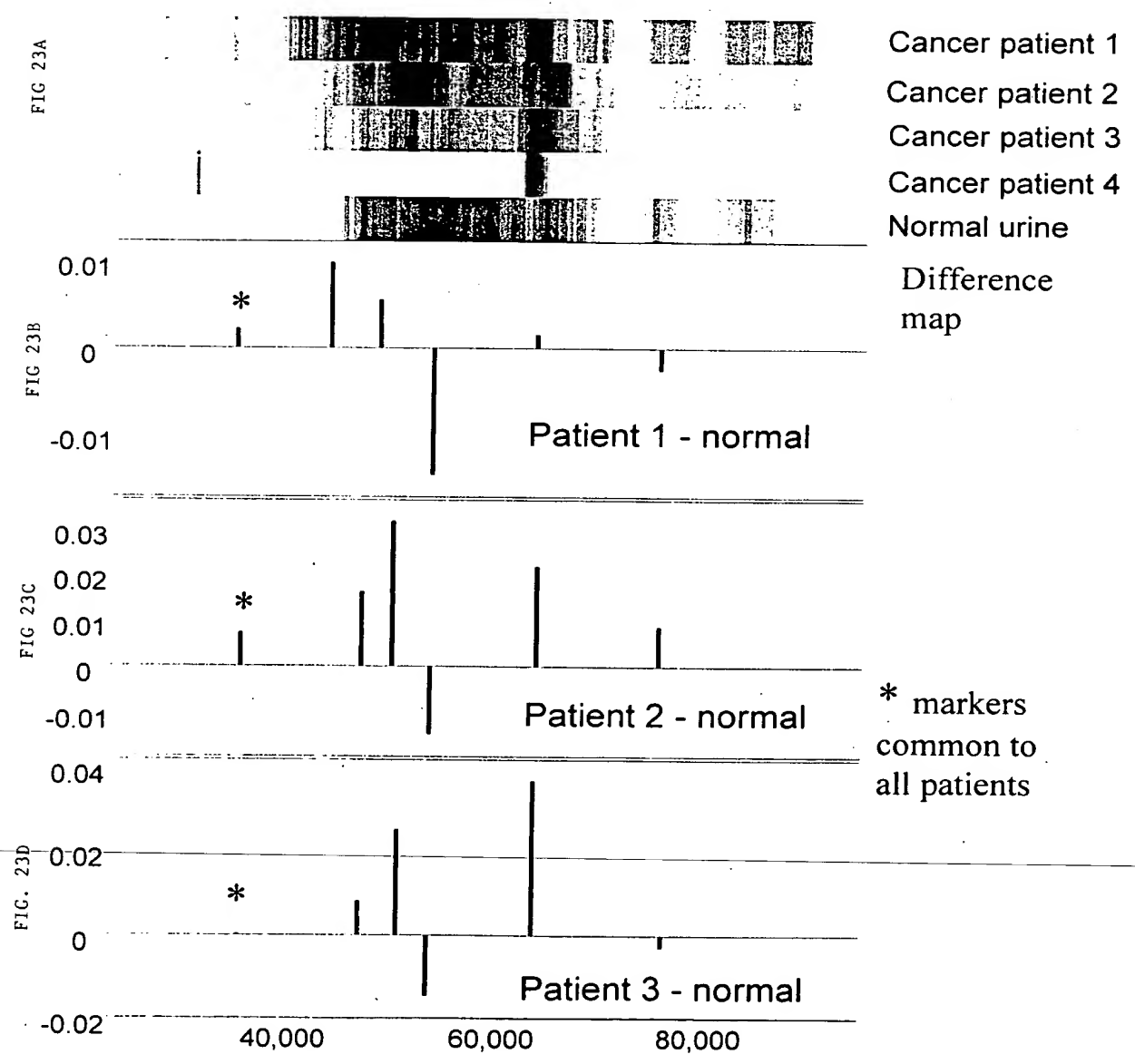


FIG. 24

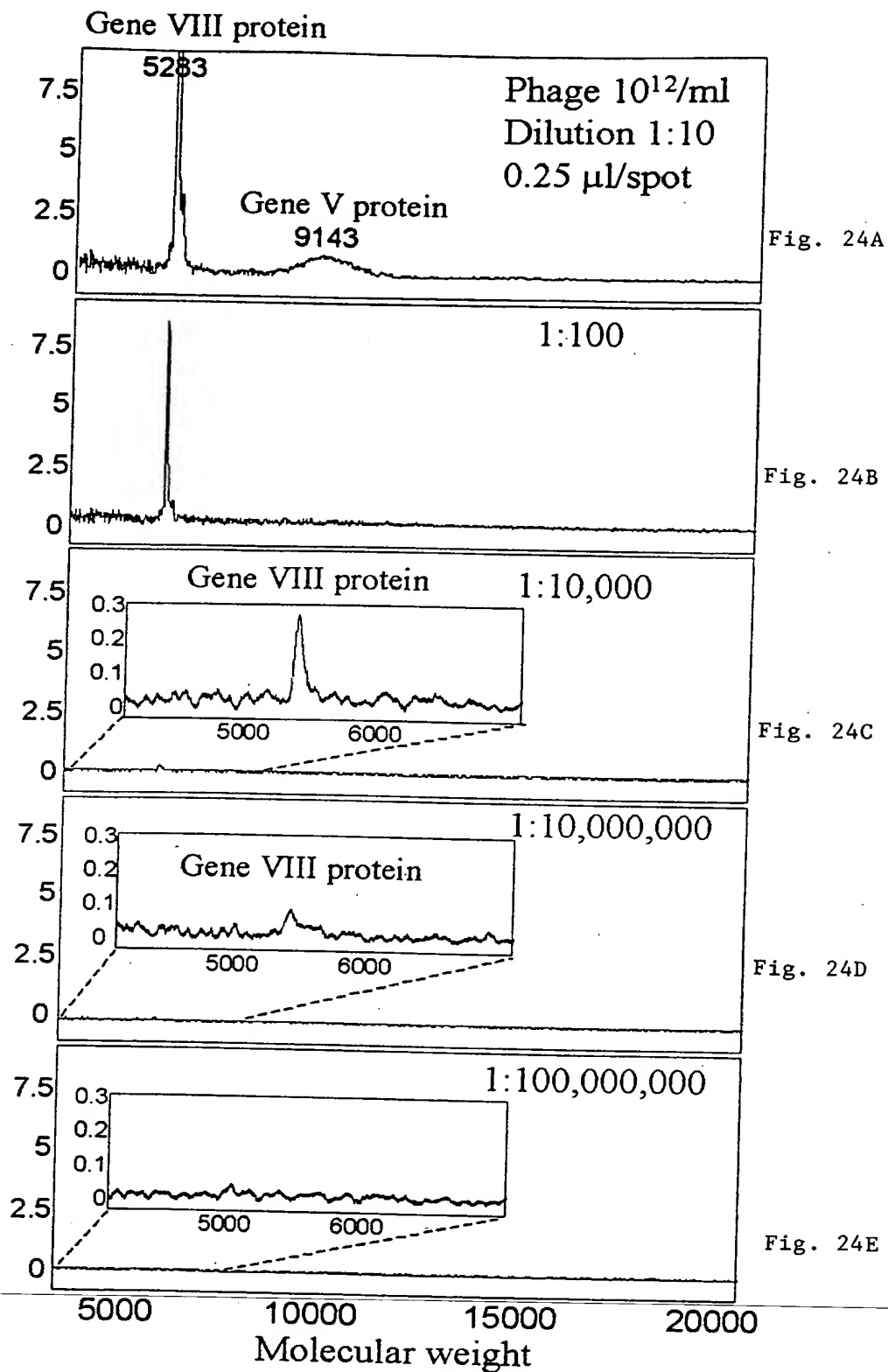


FIG. 25

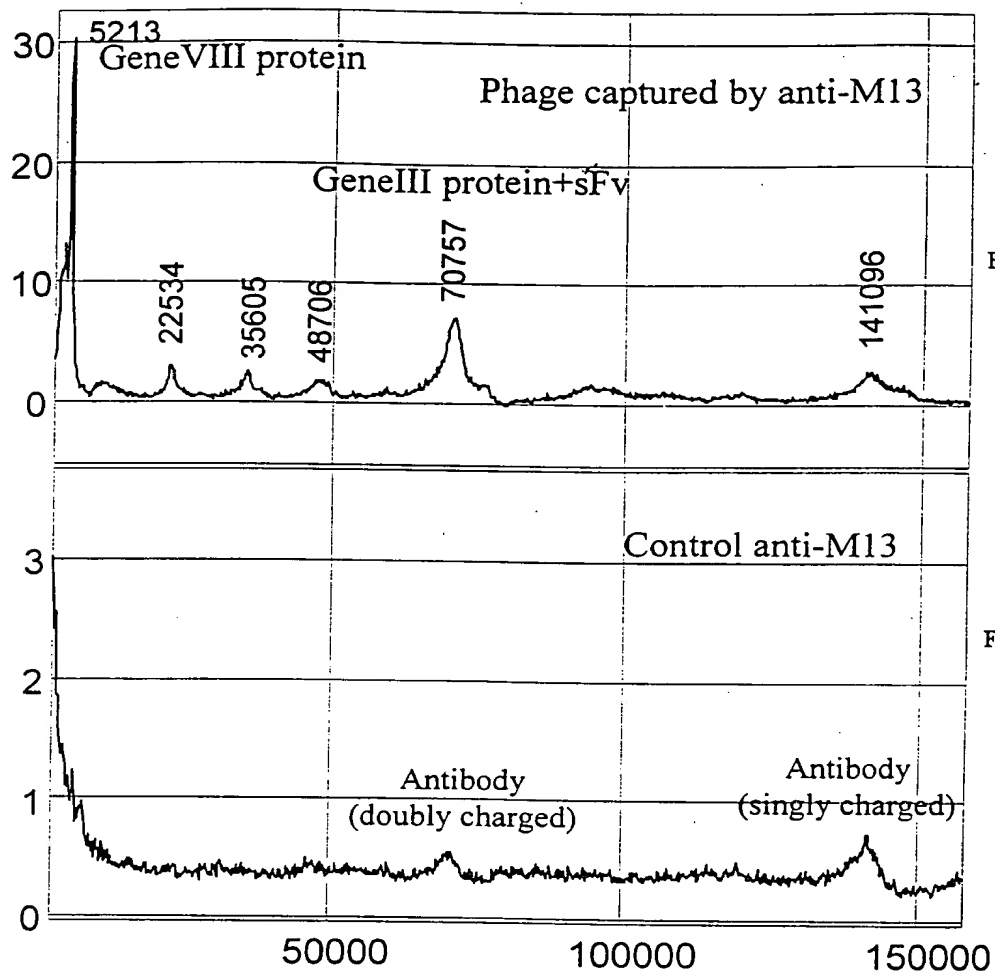


Fig. 25A

Fig. 25B

866T90" EE900T60

FIG. 26

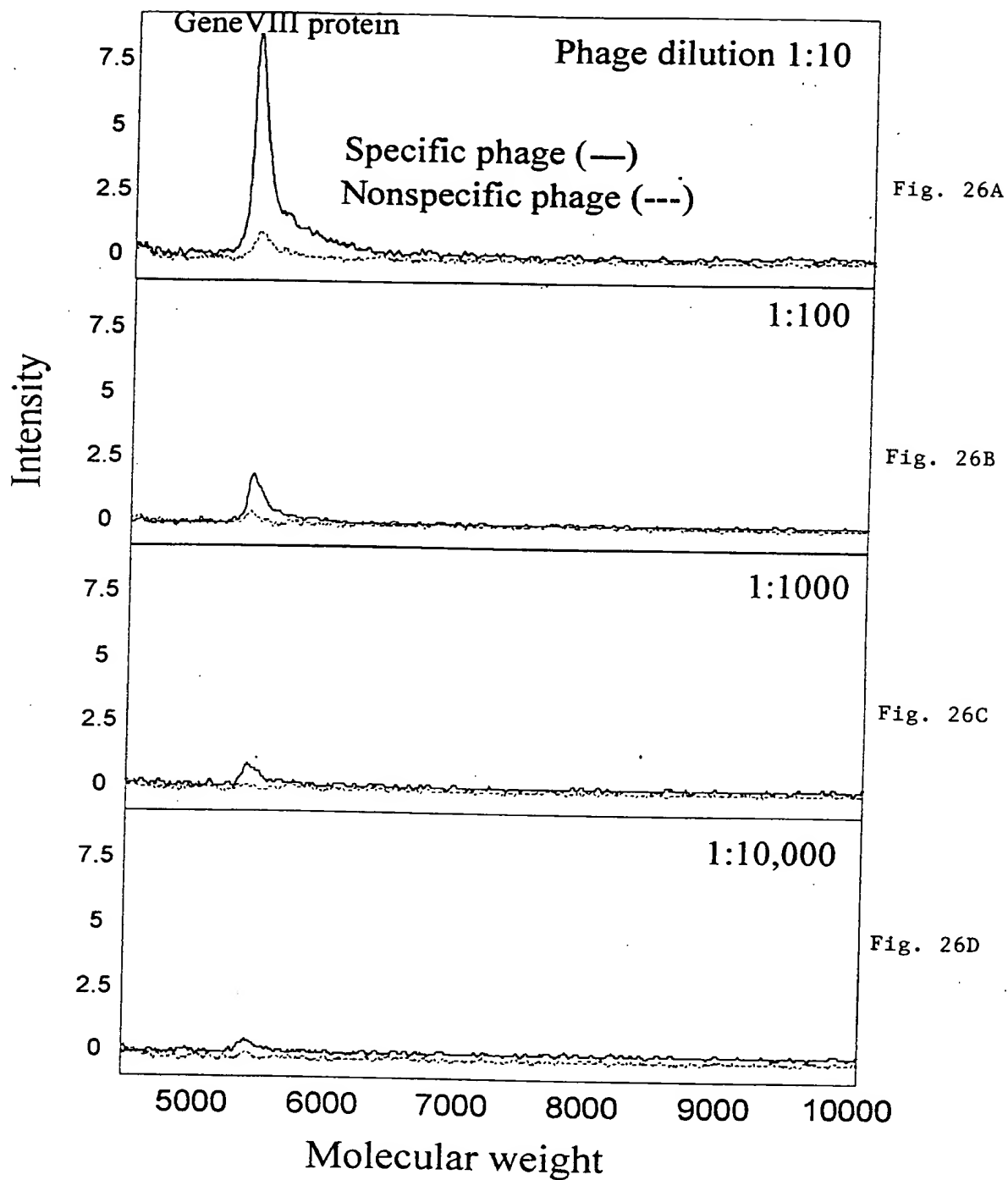


FIG. 27

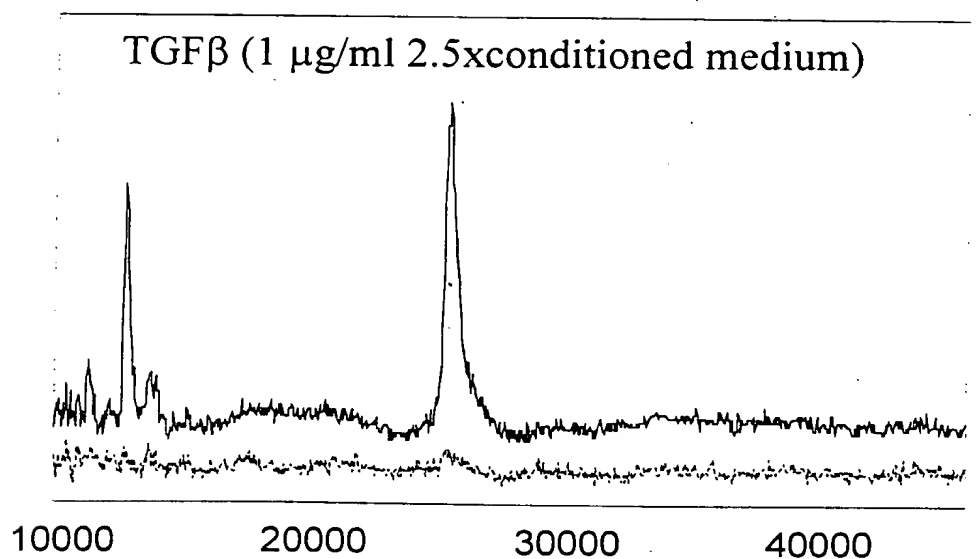


Fig. 27A

Binding in the absence of free receptor (—)

Binding in the presence of excess free receptor (---)

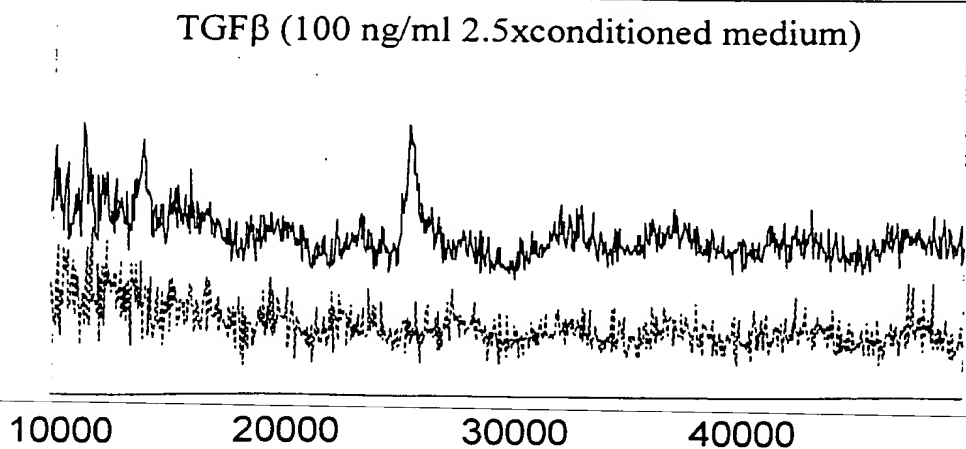


Fig. 27B

FIG. 28

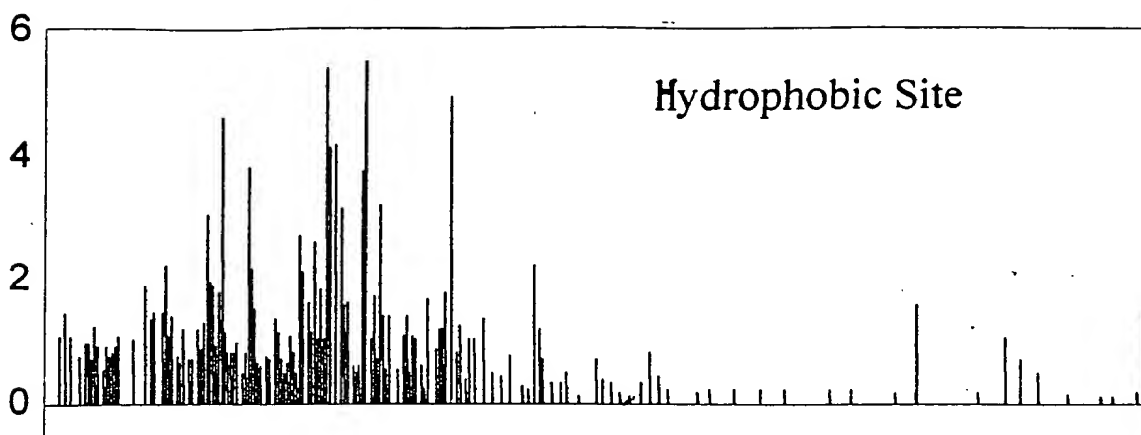


Fig. 28A

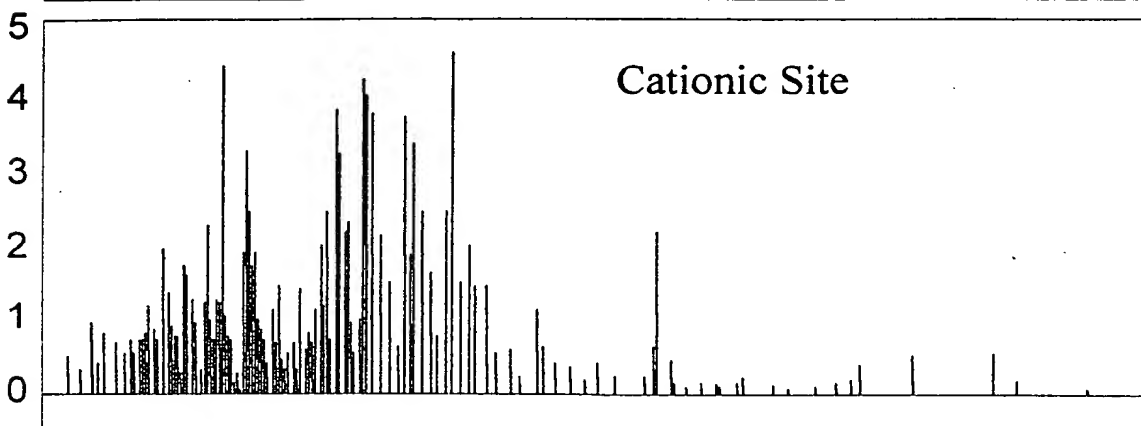


Fig. 28B

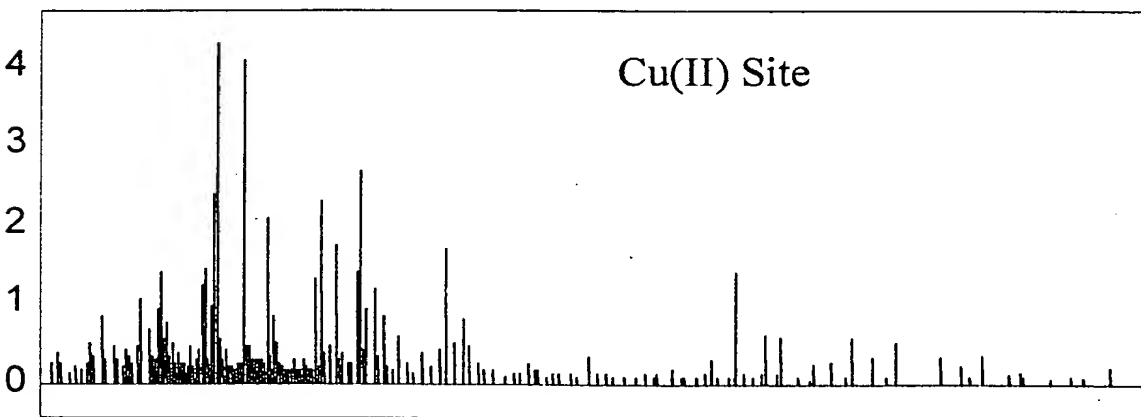


Fig. 28C

5000 10000 15000 20000 25000 30000
Molecular weight

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FIG. 29

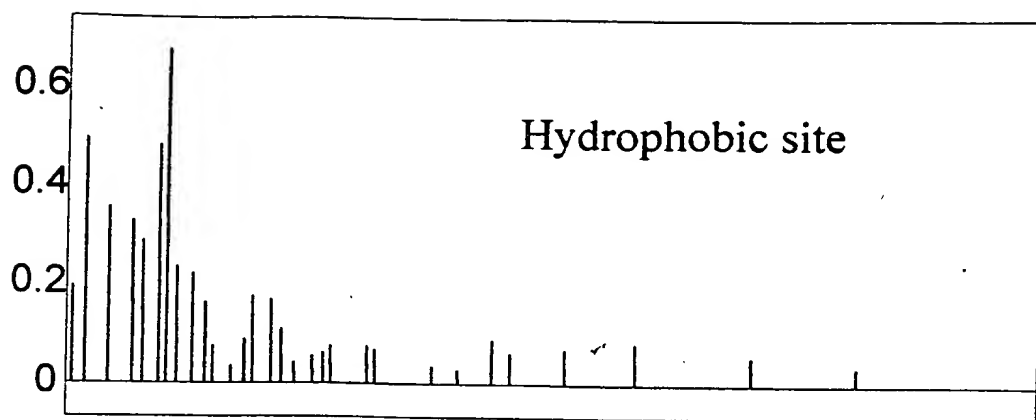


Fig. 29A

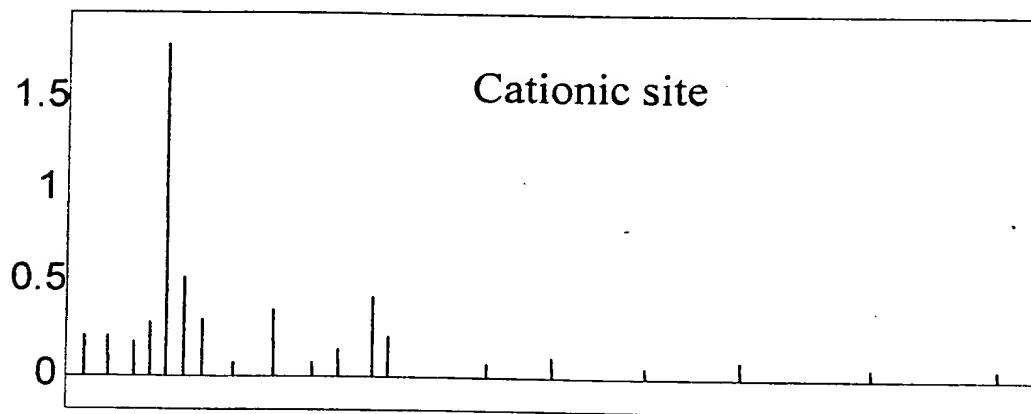


Fig. 29B

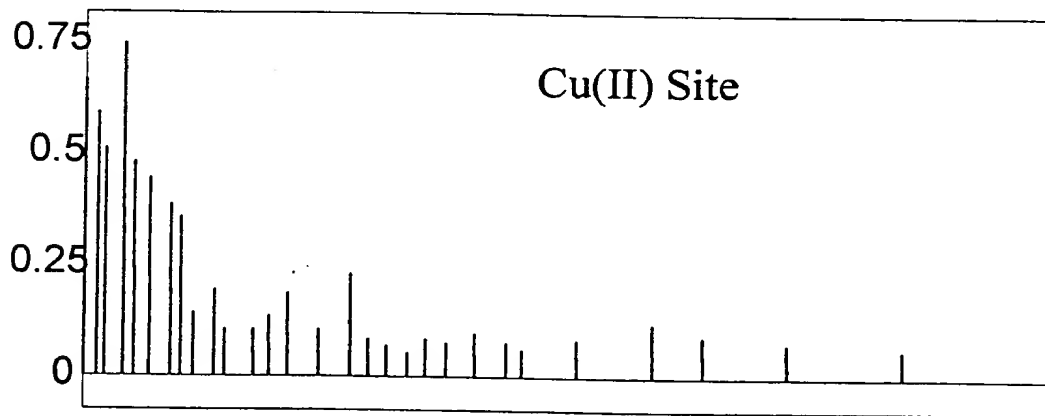


Fig. 29 C

Molecular weight

09100633-051938

Figure 30

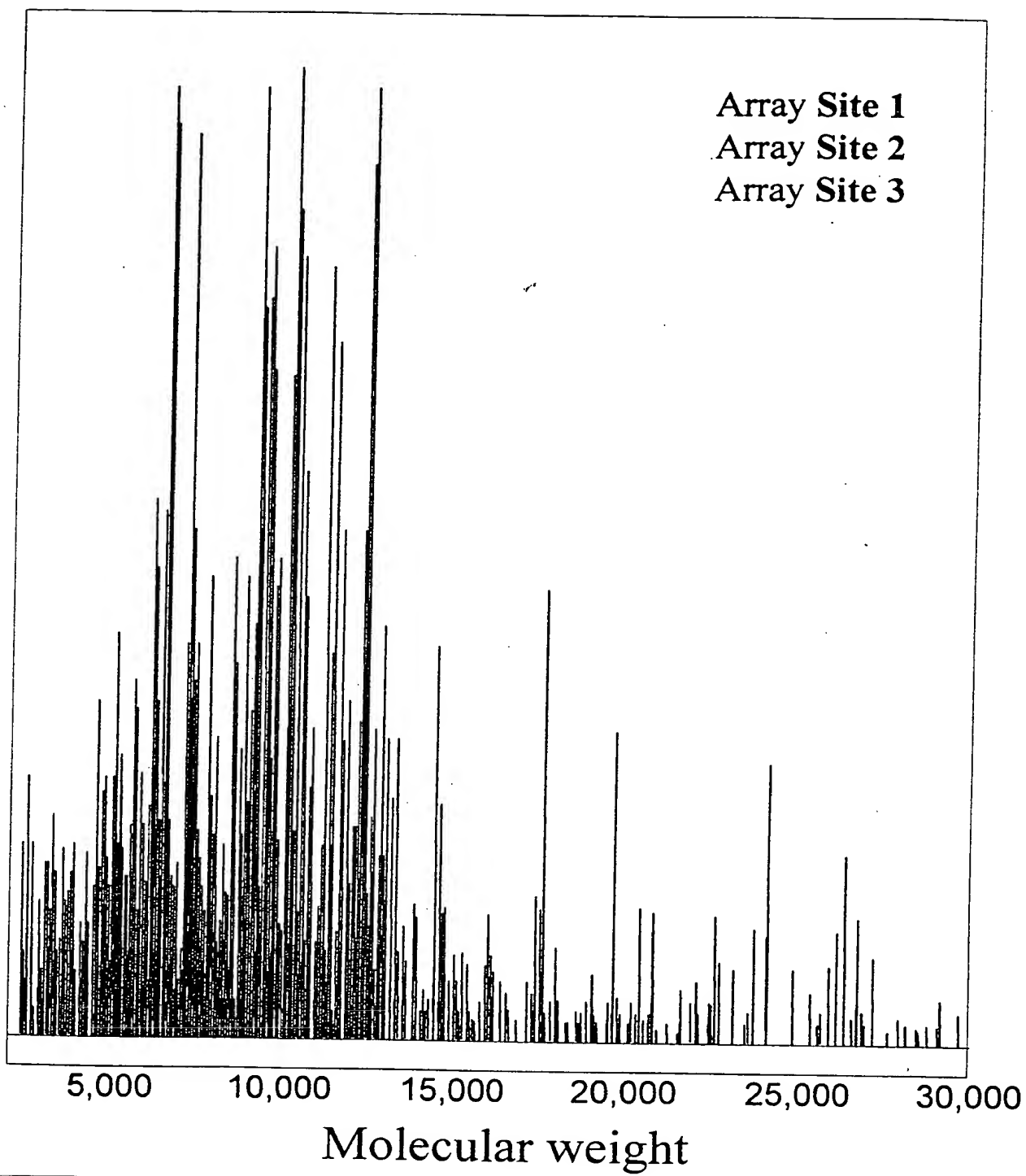
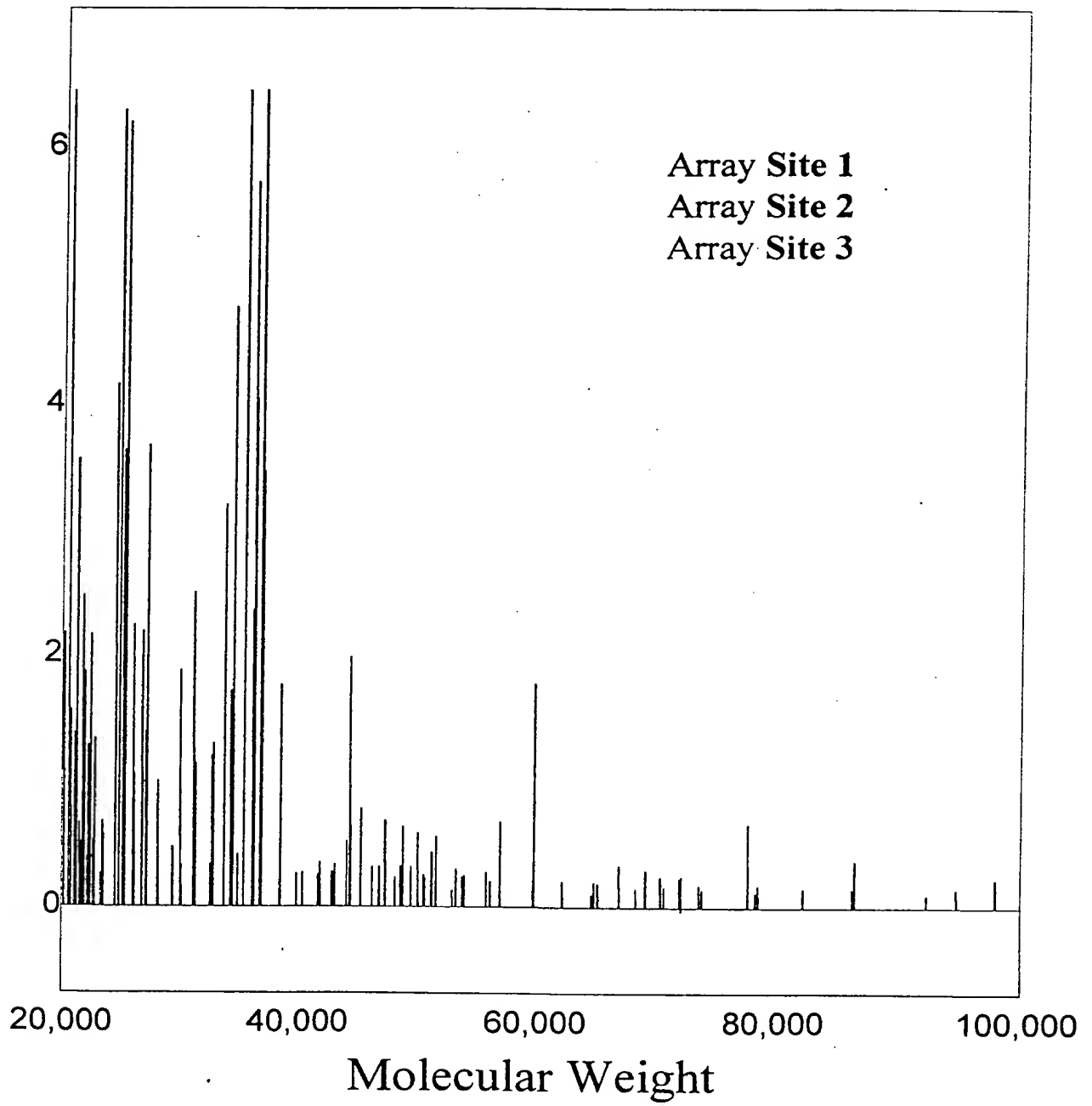


Figure 31



09100633-061998

Figure 32

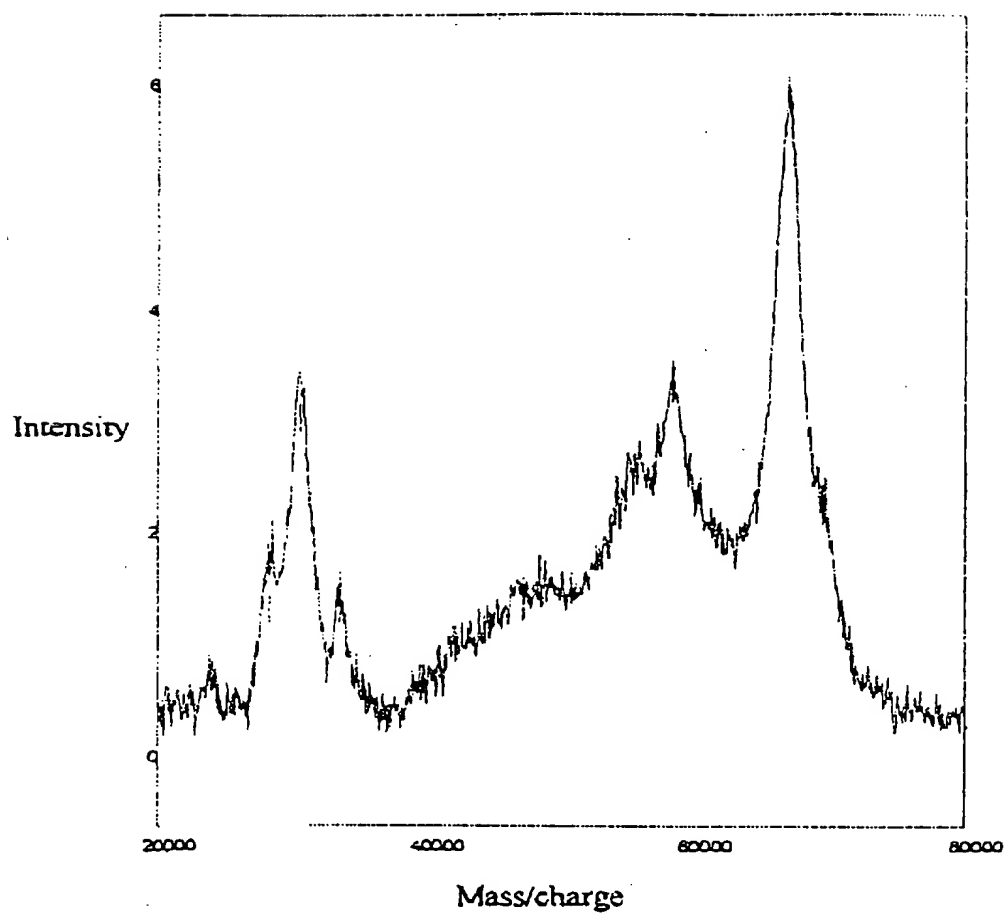


FIG. 33

Fig. 33A

Intensity

Fig. 33B

